

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS ☒ WATER SANDS LOCATION INSPECTED SUB. REPORT/abd.

950711 Commenced Injection Per John Zellet Effective 8-25-95

DATE FILED 10-22-93

LAND: FEE & PATENTED STATE LEASE NO.

PUBLIC LEASE NO. U-44426

INDIAN

DRILLING APPROVED: 11-22-93

SPUDDED IN: 8-5-94

COMPLETED: 9-3-94 PUT TO PRODUCING: 9-3-94

INITIAL PRODUCTION: NO BOPD;

GRAVITY A.P.I. 34

GGR: N.M.

PRODUCING ZONES: 11077-11994' (GRRV)

TOTAL DEPTH: 5750'

WELL ELEVATION: 5070 GR

DATE ABANDONED:

FIELD: MONUMENT BUTTE

UNIT: JONAH

COUNTY: DUCHESNE FEDERAL

WELL NO. BALCON MONUMENT BUTTE 44-1J

API NO. 43-013-31415

LOCATION 338' FSL FT. FROM (N) (S) LINE. 859' FEL FT. FROM (E) (W) LINE. SE SE

1/4 - 1/4 SEC. 1

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
9S	16E	1	EQUITABLE RESOURCES				

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GEOLOGIC TOPS:

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
Wardance Bench	Dakota	Park City	McCracken
Old Garden Gulch	Burro Canyon	Rico (Goodridge)	Aneth
Yellow Muck	Cedar Mountain	Supai	Simonson Dolomite
Douglas Creek	Buckhorn	Wolfcamp	Sevy Dolomite
R-1 Sandstone	JURASSIC	CARBONIFEROUS	North Point
Wardance	Morrison	Pennsylvanian	SILURIAN
Shinarump	Salt Wash	Oquirrh	Laketown Dolomite
Old Green Marder	San Rafael Gr.	Weber	ORDOVICIAN
Wardance	Summerville	Morgan	Eureka Quartzite
Wardance	Bluff Sandstone	Hermosa	Pogonip Limestone
Wardance	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE-CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK				5. Lease Designation and Serial No. Federal # U-44426	
1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				6. If Indian, Allottee or Tribe Name n/a	
b. Type of Well Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone <input type="checkbox"/>				7. Unit Agreement Name Jonah Unit	
2. Name of Operator Equitable Resources Energy Company, Balcron Oil Division				8. Farm or Lease Name Balcron Monument Federal	
3. Address of Operator P.O. Box 21017; Billings, MT 59104				9. Well No. 44-1J	
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 859' FSL, 338' FEL At proposed prod. zone				10. Field and Pool, or Wildcat Monument Butte/Green River	
14. Distance in miles and direction from nearest town or post office* Approximately 16 miles SW of Myton, UT				11. Qd, Sec., T., R., N., or S., and Survey or Area SE SE Sec.1, T9S, R16E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drilg. line, if any)		16. No. of acres in lease		17. No. of acres assigned to this well	
13. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.		19. Proposed depth 5,900'		20. Rotary or cable tools Rotary	
21. Elevations (Show whether DP, RT, GR, etc.) 5372.1' GL				22. Approx. date work will start* Upon APD approval	
23. PROPOSED CASING AND CEMENTING PROGRAM					
Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement	
See attached					

Operator plans to drill well in accordance with attached Federal Application for Permit to Drill.

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DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. I hereby certify that this report is true and complete to the best of my knowledge.

Signed Robbie Schuman
Robbie Schuman

Title Coordinator of Environmental
and Regulatory Affairs

Date October 20, 1993

(This space for Federal or State office use)

API NO. 43-C13-31415

Approval Date

Approved by _____
Conditions of approval, if any:

Title

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 11/22/93

BY: Matthew

WELL SPACING: 649-2-3

*See Instructions On Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

EQUITABLE RESOURCES ENERGY COMPANY, Balcron Oil

3. ADDRESS OF OPERATOR

P.O. Box 21017; Billings, MT 59104

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

859' FSL, 338' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 16 miles SW of Myton, UT

16. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any)

18. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED

TO THIS WELL

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

22. APPROX. DATE WORK WILL START*

5372.1' GL

Upon APD Approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See drilling	program/casing	design		

EXHIBITS ATTACHED

"A" PROPOSED DRILLING PROGRAM
"B" PROPOSED SURFACE USE PROGRAM
"C" GEOLOGIC PROGNOSIS
"D" DRILLING PROGRAM/CASING DESIGN
"E" EVIDENCE OF BOND COVERAGE
"F" SURVEY PLAT

"G" RIG LAYOUT
"H" BOPE DIAGRAM
"I" EXISTING ROADS (Map A)
"J" PLANNED ACCESS (Map B)
"K" EXISTING WELLS (Map C)
"L" CUT & FILL DIAGRAM

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OIL, GAS & MINING

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bobbie Schuman

Coordinator of Environmental
and Regulatory Affairs

DATE

October 20, 1993

(This space for Federal or State office use)

PERMIT NO.

43-013-31415

APPROVAL DATE

APPROVED BY

TITLE

DATE

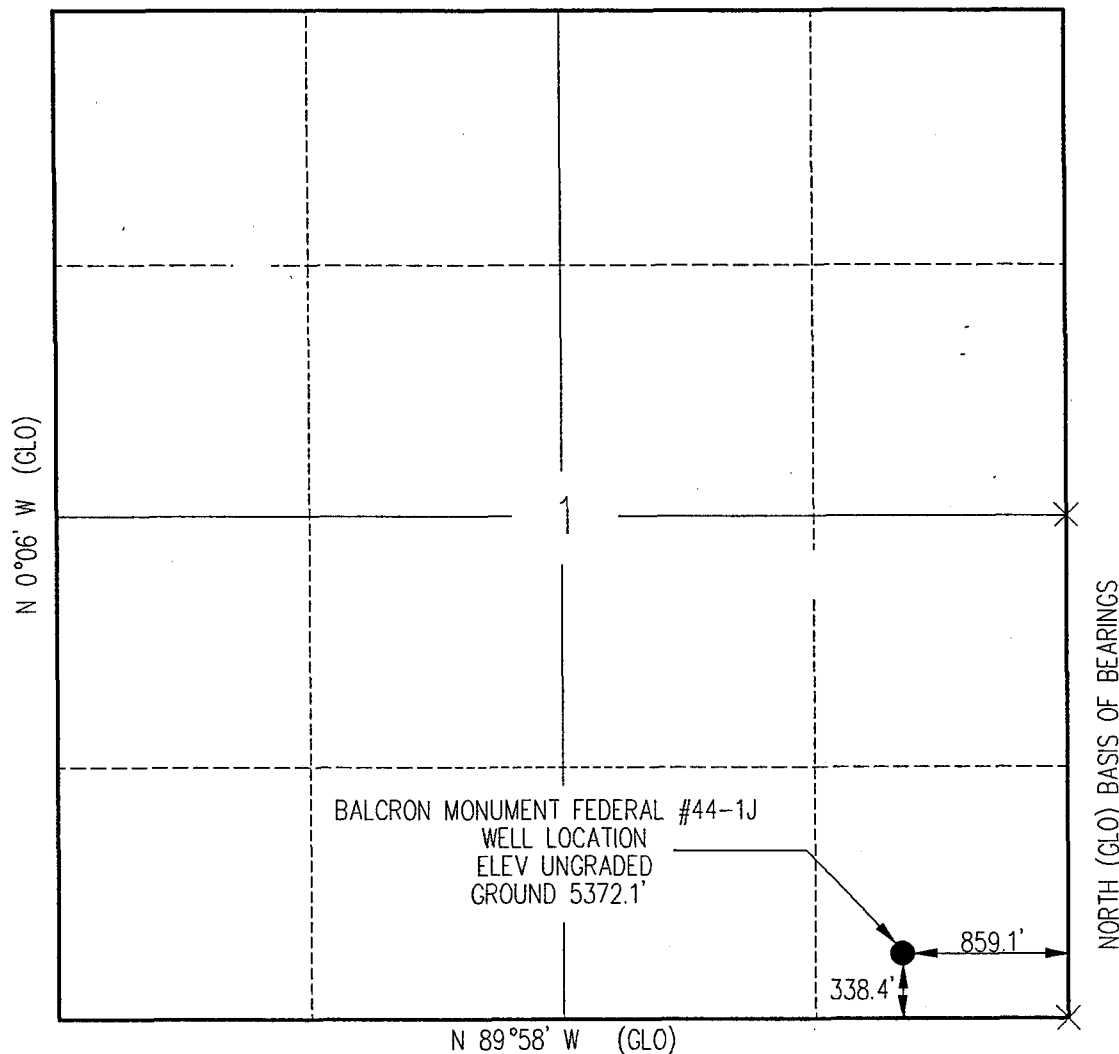
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

T9S, R16E, S.L.B. & M.

S 89°57' E (GLO)



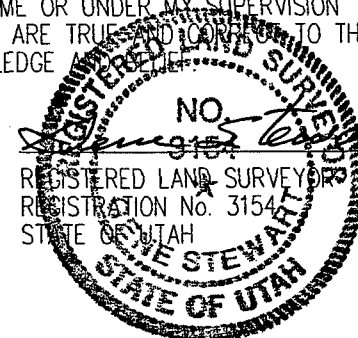
X = SECTION CORNERS LOCATED
 BASIS OF BEARINGS; G.L.O. PLAT 1911
 BASIS OF ELEV; U.S.C.S. 7-1/2 min QUAD (MYTON SE)

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT FEDERAL
 #44-1J, LOCATED AS SHOWN IN THE SE 1/4
 SE 1/4 OF SECTION 1, T9S, R16E, S.L.B. & M,
 DUCHESNE COUNTY UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE



WEATHER: CLEAR & HOT
 DATE: 9/1/93
 SCALE: 1" = 1000'
 SURVEYED BY: SS DP
 FILE: MF 44-1J



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AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD ALLOWED BY FEDERAL AND STATE REGULATIONS.

Equitable Resources Energy Company
Balcron Oil Division
P.O. Box 21017
Billings, MT 59104
(406) 259-7860

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Balcron Monument Federal #44-1J
SE SE Section 1-T9S-R16E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

2. ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.
- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.
- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.25, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- E. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following two attachments:

Drilling Program/Casing Design (EXHIBIT "D")
Geologic Prognosis (EXHIBIT "C")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon after APD approval as possible.
- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.
- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION
BALCRON MONUMENT FEDERAL #44-1J
SE SE Section 1, T9S, R16E
DUCHESNE COUNTY, UTAH

1. Existing Roads: Refer to Maps "A" & "B" (shown in RED)

- A. The proposed well site is staked and two reference stakes are present. 200' & 250' East.
- B. The Monument Federal #44-1J is located approximately 16 miles Southwesterly of Myton Utah, in the SE1/4 SE1/4 Section 1, T9S, R16E, SLB&M, Duchesne County, Utah. To reach the 44-1J, proceed West from Myton, Utah along U.S. Highway 40 for 1.6 miles to the junction of this highway and Sand Wash road; Proceed South along the Sand Wash road approximately 9.3 miles to an intersection with Monument Butte Gas Plant road. Proceed West along said Gas Plant road 2.1 miles to Balcron well #44-1J access road sign. Follow flags 1300' to location.
- C. Access roads - refer to Maps "A" and "B".
- D. Access roads within a one-mile radius - refer to map "B".
- E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

2. Planned Access Roads: Refer to Map "B" (shown in GREEN)

Approximately 1300 feet of new road construction will be required for access to the proposed well location.

- A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned & ditched and/or sloped and dipped.

- B. Construction standard - the access road will be constructed so as to conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. (1989)

The road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction will include ditching, draining, crowning, and capping or sloping and dipping the roadbed as necessary to provide a well constructed and safe road. Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely. Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossing shall be designed so they will not cause siltation or the accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

- C. Maximum grade - near than 10% to avoid drainage and side hill cut.
- D. Turnouts - no turnouts will be required on this access road.
- E. Drainage design - Low water crossing.
- F. Culverts, cuts and fills - no culverts will be required. There are no major cuts and/or fills on/along the proposed access road route.
- G. Surface materials - any construction materials which may be required for surfacing of the access road will be purchased from a local contractor having a permitted source of materials in the area, if required by the Authorized Officer, Bureau of Land Management. None anticipated at this time.
- H. Gates, cattleguards or fence cuts - none required.
- I. Road maintenance - during both the drilling and

production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations.

J. The proposed access road has been centerline flagged.

K. No right-of-way should be required as this is inside the unit boundary, but if for some reason a right-of-way is required please consider this APD the application for said right-of-way.

3. Location of Existing Wells Within a One-Mile Radius:

Please Refer to Map "C"

- A. Water wells - none known.
- B. Abandoned wells - see Map "C"
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - see Map "C".
- G. Shut-in wells - none known.
- H. Injection wells - none known.
- I. Monitoring wells - none known.

4. Location of Existing and/or Proposed Facilities Owned by Equitable Resources Energy Company Within a One-Mile Radius:

A. Existing

- 1. Tank batteries - see Map "C".
- 2. Production facilities - see Map "C".
- 3. Oil gathering lines - none.
- 4. Gas gathering lines - see Map "C".

B. New Facilities Contemplated

- 1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or toe of the fill slope.
- 2. The production facilities will consist primarily of a pumping unit, Two tanks and an emergency pit. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via "Sundry Notice"

(Form 3160-5) for approval of subsequent installation operations.

3. Production facilities will be accommodated on the existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having a permitted (private) source of materials within the area.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units) will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

- C. The production (emergency) pit will be 12'x12' and will be fenced. Said fence will be maintained in good condition.
- D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.
- E. Reclamation of disturbed areas no longer needed for operation will accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.

For Pipeline:

- F. Any proposed pipelines will be submitted to the authorized officer Via Sundry Notice for approval of subsequent operations.
- G. Equitable Resources Energy Company shall be responsible for road maintenance from the beginning to completion of operations.

5. Location and Type of Water Supply

- A. Water to be used for the drilling of these wells will be hauled by truck over the roads described in item #1 and item #2, from a well owned by Owen Dale Anderson of Vernal Utah, or from a spring owned by Joe Shields of Myton Utah. Source will be determined by sundry notice closer to the beginning of drilling operations.
- B. No water well will be drilled on this location.

6. Source of Construction Materials

- A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads to the area. No special access other than for drilling operations and pipeline construction is needed.
- B. All access roads crossing Federal land are described under item #2, and shown on Map #A.

All construction material for these location sites and access roads shall be borrowed material accumulated during the construction of the location sites and access roads. No additional construction material from other sources is anticipated at this time, if in the future it is required the appropriate actions will be taken to acquire it from private sources.

- C. All surface disturbance area is on B.L.M. lands.
- D. There are no trees on this location.

7. Methods of Handling Waste Materials:

- A. Cuttings - the cuttings will be deposited in the reserve pit.
- B. Drilling fluids - including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within one hundred twenty (120) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon

receipt of a written request from Equitable Resources Energy Company.

The reserve pit will be constructed so as not to leak, break, or allow discharge. the reserve pit will be lined with a plastic reinforced liner.

- C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval. Failure to file an application within the time frame allowed will be considered an incidence of noncompliance.

Any spills of oil, gas, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

- D. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and the contents thereof disposed of in the nearest, approved, sewage disposal facility.
- E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.
- G. The reserve and/or production pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls. All pits will be constructed so as not to leak, break, or allow the

discharge of liquids therefrom.

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

- A. Plat #1 shows the drill site layout as staked. Cross sections have been drafted to help visualize the planned cuts and fills across the location. An average minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles. The reserve pit will be located on the Northwest side, and the flare pit will be downwind of the prevailing wind direction near corner #6. Access to the well pad will be from the North between corners #5 and #6.
- B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There may be as many as three (3) trailers on location during drilling operation.
- C. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via Sundry Notice (Form 3160-5) for approval of subsequent operations.
- D. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid. The flare pit will be located downwind of the prevailing wind on the North side of location near corner #6, at least 100' from the wellhead and at least 30' from the reserve pit. This pit might be used for testing, but only after the drilling is completed and the drilling equipment and personnel are off the well site location.

The reserve pit will be lined. The liner will be torn and perforated after the pit dries and before backfilling of the reserve pit.
- E. Prior to the commencement of drilling operations, the reserve pit will be fenced on three (3) sides using 39-inch net wire with one strand of barbed wire on top of the net wire. The net wire will be no more than two inches above the ground. the barbed wire will be three inches above the net wire. total height of the fence will be at

least 42-inches.

1. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
2. Standard steel, wood, or pipe posts shall be used between the corner braces. The maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.
3. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

- F. Any hydrocarbons on the pit will be removed from the it as soon as possible after drilling operations are completed.

10. Plans for Reclamation of the Surface:

The B.L.M. will be contacted prior to commencement of any reclamation operations.

A. Production

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production.
2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
3. The plastic reinforced pit liner shall be torn and perforated before backfilling of the reserve pit.
4. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed.

Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.

5. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed within one hundred twenty (120) days from the date of well

completion, weather permitting.

6. If the well is a producer, Equitable Resources Energy Company will, upgrade and maintain access roads as necessary to prevent soil erosion, and accommodate year round traffic. Reshape areas unnecessary to operations, distribute topsoil, disk and seed all disturbed areas outside the work area according to the recommended seed mixture. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

If the well is abandoned/dry hole, Equitable Resources Energy Company will, restore the access road and location to approximately the original contours. During reclamation of the site, push the fill material into cuts and up over the backslope. Leave no depressions that will trap water or form ponds. Distribute topsoil evenly over the location, and seed according to the above seed mixture. The access road and location shall be ripped or dished prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

Seeded will be prepared by dishing, then roller packing following the natural contours. Seed will be drilled on contours at a depth no greater than one-half inch (1/2"). In areas that cannot be drilled, seed will be broadcast at double the seeding rate and harrowed into soil. Certified seed will be used whenever available.

Fall seeding will be completed after September 1 and prior to prolonged ground frost. Spring seeding, to be effective, will be completed after the frost has left the ground and prior to May 15th.

7. Upon completion of backfilling, leveling and recontouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to reseeding, all disturbed surfaces will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces will be reseeded with the seed mixture stipulated by the authorized officer.

Seed will be drilled on the contour to a approximate depth of one-half (1/2) inch. All seeding will be conducted after September 1 and prior to ground frost. Spring seeding will be done after the frost leaves the

ground and no later than May 15. If the seeding is unsuccessful, Equitable Resources may be required to make subsequent seedings.

B. Dry Hole/Abandoned Location

1. On lands administered by the Bureau of Land Management, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:
 - (a) re-establishing irrigation systems where applicable,
 - (b) re-establishing soil conditions in irrigated fields in such a way as to ensure cultivation and harvesting of crops and,
 - (c) ensuring revegetation of the disturbed areas to the specifications of the Bureau of Land Management at the time of abandonment.
2. All disturbed surfaces will be recontoured to the approximate natural contours and reseeded according to BLM specifications. Reclamation of the well pad and access road will be performed as soon as practical after final abandonment and reseeding operations will be performed in the fall or spring following completion of reclamation operations.
 - (a) A silt catchment basin will be constructed according to BLM specifications approximately 75 feet Northeast of corner #6.

11. Surface Ownership:

The well site and proposed access road are situated on surface lands administered by

Bureau of Land Management
Vernal District Office
Vernal, Utah

12. Other Information:

- A. Topographic and geologic features of the area (reference Topographic Map #A) are:

The proposed drill site is located in the Monument Butte oil field, which lies in a large basin formed by the Uinta Mountains to the North and the Bookcliff Mountains to the

South. The site is located approximately 15 miles Northwest of the Green River, which is the major drainage for this area, and approximately 11 miles South of Myton Utah.

This basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone, conglomerate deposits and shale are common in this area.

The geologic structures that are visible in the area are of the Uinta formation (Eocene Epoch) tertiary period and the cobblestone and younger alluvial deposits from the Quaternary period.

The soils in the semi-arid area of the Williams Fork Formation (Upper Cretaceous) and Wasatch Formation (Eocene) consist of light brownish gray clay (OL) to sand soil (SM-ML) type with poorly graded gravels.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a sandy clay (SM-ML) type soil to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

The flora of the area includes sagebrush, mountain mahogany, serviceberry, rabbit brush, greasewood, four-wing saltbush, Gambel scrub oak, willow, tamarack, shadscale, Spanish bayonet, indian rice grass, cheatgrass, wheatgrass, curly grass, crested wheatgrass, sweet clover, gum weed, foxtail, mustard, Canadian thistle, Russian thistle, Kochia, sunflowers and cacti.

The fauna of the area includes cattle, horses, elk, deer, coyotes, rabbits, rodents, lizards, bull snakes, rattle snakes, water snakes and horned toads. Birds of the area are ground sparrows, bluejays, bluebirds, magpies, ravens, raptors, morning doves, swallows, nighthawks, hummingbirds, and chukar.

- B. The surface ownership is Federal. The surface use is grazing and petroleum production.

- C. 1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.
2. There are no occupied dwellings in the immediate area
3. An archaeological report will be forwarded upon completion.
4. There are no reported restrictions or reservations noted on the oil and gas lease.

13. Lessee's or Operator's Representative:

Balcron Oil
a division of Equitable Resources Energy Company
1601 Lewis Avenue
P.O. Box 21017
Billings, Montana 59104
(8:00 a.m. to 5:00 p.m.)
(406)259-7860
FAX: (406)245-1361

Dave McCoskery, Drilling Engineer Home (406)248-3864

Dale Griffin, Field Superintendant Home (406)656-9719

14. certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Balcron Oil, a division of Equitable Resources Energy Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

October 20, 1993

Date

Bobbie Schuman

**Bobbie Schuman
Coordinator of Enviromental
and Regulatory Affairs
BALCRON OIL division of
Equitable Resources Energy
Company**

EXHIBIT "C"

[illegible]

Samples		DST,s	Wellsite Geologist	
50' FROM 1400' TO 4000'		DST #1	NONE	Name: _____
10' FROM 4000' TO TD		DST #2	_____	From: _____ to: _____
_____		DST #3	_____	Address: _____
_____		DST #4	_____	_____
				Phone # _____ wk. _____
				_____ hm. _____
				Fax # _____
Logs		Cores		
DLL FROM SURF CSG TO TD		Core #1	NONE	
LDT/CNL FROM 3700' TO TD		Core #2	_____	
_____		Core #3	_____	
_____		Core #4	_____	

				Mud Logger/Hot Wire
				Company: _____
				Required: (Yes/No) <u>YES</u>
				Type: <u>TWO MAN</u>
				Logger: _____
				Phone # _____
				Fax # _____
Comments: <u>"Sand" is pay zone.</u>				

Report To:	1st Name: STEVE VANDELINDER	Phone #	(406) 259-7860	wk. 248-2778 hm. _____
	2nd Name: KEVEN REINSCHMIDT	Phone #	"	wk. 248-7026 hm. _____
Prepared By:	K K REINSCHMIDT	Phone #		wk. _____ hm. _____

Equitable Resources Energy Company
Balcron Oil Division

DRILLING PROGRAM

WELL NAME: Monument Butte Area
LOCATION: Twn.9S Rge.16E & 17E
COUNTY: Duchesne

PROSPECT/FIELD: Monument Butte
STATE: Utah

TOTAL DEPTH: SEE APD COVER SHEET

HOLE SIZE INTERVAL

12 1/4" 0 to 260'
7 7/8" 260 to T.D.

CASING		INTERVAL		CASING		
STRING TYPE		FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing		0	260	8 5/8"	24 #/Ft	J-55
Production Casing		0	T.D.	5 1/2"	15.50#/Ft	J-55
(All Casing will be new, ST&C)						

CEMENT PROGRAM

Surface 150 sacks 75% Class "G" 25% Poz with 2% CaCl and 1/4 #/Sk Flocele.
(Cement will be circulated to surface.)

Production 250 sacks Thifty Lite and 400 sacks 50-50 Poz mix.

PRELIMINARY
DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and air mist	0	260	N.A.	N.A.	N.A.
Air/Air Mist/KCl Water	260	T.D.	8.7-8.9	N.A.	N.A.

depending on the drilling contractor either:

- Drilling will be with air from surface to as deep as hole conditions allow. 2% KCl fluid will be used for the remainder of the hole.
- Drilling will be done using 2% KCl water and gel.

COMMENTS

- No cores or DST's are planned.

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: MONUMENT BUTTE AREA
Project ID:	Location: Monument Butte, Utah

Design Parameters:

Mud weight (9.63 ppg) : 0.500 psi/ft
 Shut in surface pressure : 2280 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Body Yield : 1.50 (B)
 Overpull : 0 lbs.

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	SFC TO TD 5-1/2"	15.50	J-55	ST&C	SEE APD COVER SHEET	4.825	
	Collapse Load Strgth (psi) (psi)	S.F.	Burst Load Strgth (psi) (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth (kips) (kips)	S.F.
1	2850 4040	1.418	2850	4810	1.69	88.35 202	2.29 J

Prepared by : McCoskery, Billings, MT
 Date : 11-30-1992 (Revised 8/30/93)
 Remarks :

The mud gradient and bottom hole pressures (for burst) are 0.500 psi/ft and 2,850 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1990 pricing model. (Version 1.0G)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
MONTANA STATE OFFICE
222 NORTH 32ND STREET
P.O. BOX 36800
BILLINGS, MONTANA 59107-6800



IN REPLY TO:

MTM 12619-A et al
BLM BOND NO. MT0576
(922.31)

April 25, 1989

NOTICE

Equitable Resources Energy Company
P. O. Box 21017
Billings, Montana 59104

OIL AND GAS

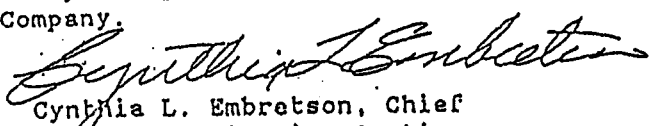
CORPORATE MERGER RECOGNIZED RIDER TO NATIONWIDE BOND ACCEPTED

Acceptable evidence has been filed in this office concerning the merger of Balcron Oil Company into Equitable Resources Energy Company, the surviving corporation. Information provided shows that Balcron Oil Company merged into Equitable Resources Energy Company, changing the former entity's name to Balcron Oil, a Division of Equitable Resources Energy Company. Please note that Divisions cannot hold leases, therefore, after consultation with Balcron Oil, this office is recognizing only the merger action.

A rider was filed on April 20, 1989, to be made a part of \$150,000 Nationwide Oil and Gas Bond No. 5547188 (BLM Bond No. MT0576) with Balcron Oil Company as principal and Safeco Insurance Company of America as surety. By means of this rider, the surety consents to changing the name on the bond from Balcron Oil Company to Equitable Resources Energy Company. The rider is accepted effective April 20, 1989.

For our purposes, the merger is recognized effective April 20, 1989.

The oil and gas lease files and communitization agreement files identified on the enclosed Exhibit A have been noted as to the merger. Other lease interests will be transferred by assignments from Ballard & Cronoble to Equitable Resources Energy Company.


Cynthia L. Embretson, Chief
Fluids Adjudication Section

1 Enclosure
1-Exhibit A

cc: (w/encl.)
AFS, Denver (1)
All DMs (1 ea.)
RMO Section (1)
Regional Forester, Lakewood (2)
Regional Forester, Missoula (2)
Bureau of Reclamation (1)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

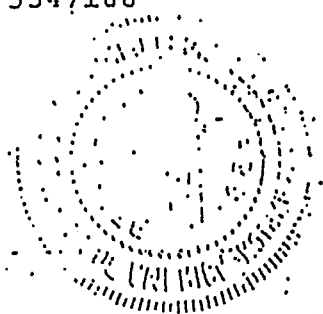
STATE, NATIONWIDE, OR NATIONAL PETROLEUM RESERVE
IN ALASKA OIL AND GAS BOND

Act of February 25, 1920 (30 U.S.C. Sec. 181)

Act of August 7, 1947 (30 U.S.C. Sec. 351)

Department of the Interior Appropriations Act, Fiscal Year 1981 (P.L. 96-514)

Other Oil and Gas Leasing Authorities as Applicable



KNOW ALL MEN BY THESE PRESENTS, That we
BALCRON OIL COMPANY
of 1601 Lewis Avenue, Billings, MT 59104

as principal, and
SAFECO INSURANCE COMPANY OF AMERICA
of 111 Presidential Blvd., Suite 231, Bala Cynwyd, PA 19004

as surety, are held and firmly bound unto the United States of America in the sum of ONE HUNDRED FIFTY THOUSAND AND 00/100-----dollars (\$ 150,000.00), in lawful money of the United States, which sum may be increased or decreased by a rider hereto executed in the same manner as this bond, for the use and benefit of (1) the United States; (2) the owner of any of the land subject to the coverage of this bond, who has a statutory right to compensation in connection with a reservation of the oil and gas deposits to the United States; and (3) any lessee or permittee under a lease or permit issued by the United States prior to the issuance of an oil and gas lease for the same land subject to this bond, covering the use of the surface or the prospecting for, or development of, other mineral deposits in any portion of such land, to be paid to the United States. For such payment, well and truly to be made, we bind ourselves, and each of our heirs, executors, administrators, and successors, jointly and severally.

- ☐ The coverage of this bond shall extend to all of the principal's holdings of federal oil and gas leases in the United States, including Alaska, issued or acquired under the Acts cited in Schedule A.
- ☐ The coverage of this bond extends only to the principal's holdings of federal oil and gas leases issued or acquired under the Acts cited and in the States named in Schedule A and to any other State or States that may be named in a rider attached hereto by the lessor with the consent of the surety.
- ☐ The coverage of this bond extends only to the principal's holdings of federal oil and gas leases within the National Petroleum Reserve in Alaska.

SCHEDULE A

Mineral Leasing Act of February 25, 1920 (30 U.S.C. Sec. 181), Acquired Lands Leasing Act of August 7, 1947 (30 U.S.C. Sec. 351), and other oil and gas leasing authorities as applicable.

NAMES OF STATES

ALL STATES

The conditions of the foregoing obligations are such that, whereas the said principal has an interest in oil and gas leases issued under the Acts cited in this bond: (1) as lessee; (2) as the approved holder of operating rights in all or part of the lands covered by such leases under operating agreements with the lessees; or (3) as designated operator or agent under such leases pending approval of an assignment or operating agreement; and

WHEREAS the principal is authorized to drill for, mine, ex-

tract, remove, and dispose of oil and gas deposits in or under the lands covered by the leases, operating agreements or designations and is obligated to comply with certain covenants and agreements set forth in such instruments; and

WHEREAS the principal and surety agree that without notice to the surety the coverage of this bond, in addition to the present holdings of the principal, shall extend to and include:



SAFECO

SURETY RIDER

EXHIBIT "E" Page 3 of 4
SAFECO INSURANCE COMPANY OF AMERICA
GENERAL INSURANCE COMPANY OF AMERICA
FIRST NATIONAL INSURANCE COMPANY
OF AMERICA
HOME OFFICE: SAFECO PLAZA
SEATTLE, WASHINGTON 98185

To be attached to and form a part of

Type of Bond: Nationwide Oil and Gas Lease Bond

Bond No. 5547188 (BLM Bond No. MT0576)

dated effective 9/8/88

(MONTH, DAY, YEAR)

executed by BALCRON OIL COMPANY, as Principal,
(PRINCIPAL)

and by SAFECO INSURANCE COMPANY OF AMERICA, as Surety,
(SURETY)

in favor of UNITED STATES DEPARTMENT OF THE INTERIOR, BUREAU OF LAND
(OBLIGEE) MANAGEMENT

In consideration of the mutual agreements herein contained the Principal and the Surety hereby consent to changing

The name of the Principal

From: BALCRON OIL COMPANY

To: EQUITABLE RESOURCES ENERGY COMPANY

Nothing herein contained shall vary, alter or extend any provision or condition of this bond except as herein expressly stated.

This rider is effective 1/1/89

(MONTH, DAY, YEAR)

Signed and Sealed 4/10/89

(MONTH, DAY, YEAR)

EQUITABLE RESOURCES ENERGY COMPANY

PRINCIPAL

By: _____ TITLE

SAFECO INSURANCE COMPANY OF AMERICA

SURETY

By: R. George Voinchet

ATTORNEY-IN-FACT



POWER
OF ATTORNEY

GENERAL INSURANCE COMPANY OF AMERICA
HOME OFFICE: SAFECO PLAZA
SEATTLE, WASHINGTON 98185

EXHIBIT "E" Page 4 of 4
3798

No. _____

KNOW ALL BY THESE PRESENTS:

That SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA, each, a Washington corporation, does each hereby appoint

-----THOMAS L. VEHR; R. GEORGE VOINCHET, Pittsburgh, Pennsylvania-----

its true and lawful attorney(s)-in-fact, with full authority to execute on its behalf fidelity and surety bonds or undertakings and other documents of a similar character issued in the course of its business, and to bind the respective company thereby.

IN WITNESS WHEREOF, SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA have each executed and attested these presents

this 4th day of September, 19 87.

CERTIFICATE

Extract from the By-Laws of SAFECO INSURANCE COMPANY OF AMERICA
and of GENERAL INSURANCE COMPANY OF AMERICA:

"Article V, Section 13. — FIDELITY AND SURETY BONDS . . . the President, any Vice President, the Secretary, and any Assistant Vice President appointed for that purpose by the officer in charge of surety operations, shall each have authority to appoint individuals as attorneys-in-fact or under other appropriate titles with authority to execute on behalf of the company fidelity and surety bonds and other documents of similar character issued by the company in the course of its business . . . On any instrument making or evidencing such appointment, the signatures may be affixed by facsimile. On any instrument conferring such authority or on any bond or undertaking of the company, the seal, or a facsimile thereof, may be impressed or affixed or in any other manner reproduced; provided, however, that the seal shall not be necessary to the validity of any such instrument or undertaking."

Extract from a Resolution of the Board of Directors of SAFECO INSURANCE COMPANY OF AMERICA
and of GENERAL INSURANCE COMPANY OF AMERICA adopted July 28, 1970.

"On any certificate executed by the Secretary or an assistant secretary of the Company setting out,

- (i) The provisions of Article V, Section 13 of the By-Laws, and
- (ii) A copy of the power-of-attorney appointment, executed pursuant thereto, and
- (iii) Certifying that said power-of-attorney appointment is in full force and effect,

the signature of the certifying officer may be by facsimile, and the seal of the Company may be a facsimile thereof."

I, Boh A. Dickey, Secretary of SAFECO INSURANCE COMPANY OF AMERICA and of GENERAL INSURANCE COMPANY OF AMERICA, do hereby certify that the foregoing extracts of the By-Laws and of a Resolution of the Board of Directors of these corporations, and of a Power of Attorney issued pursuant thereto, are true and correct, and that both the By-Laws, the Resolution and the Power of Attorney are still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of said corporation

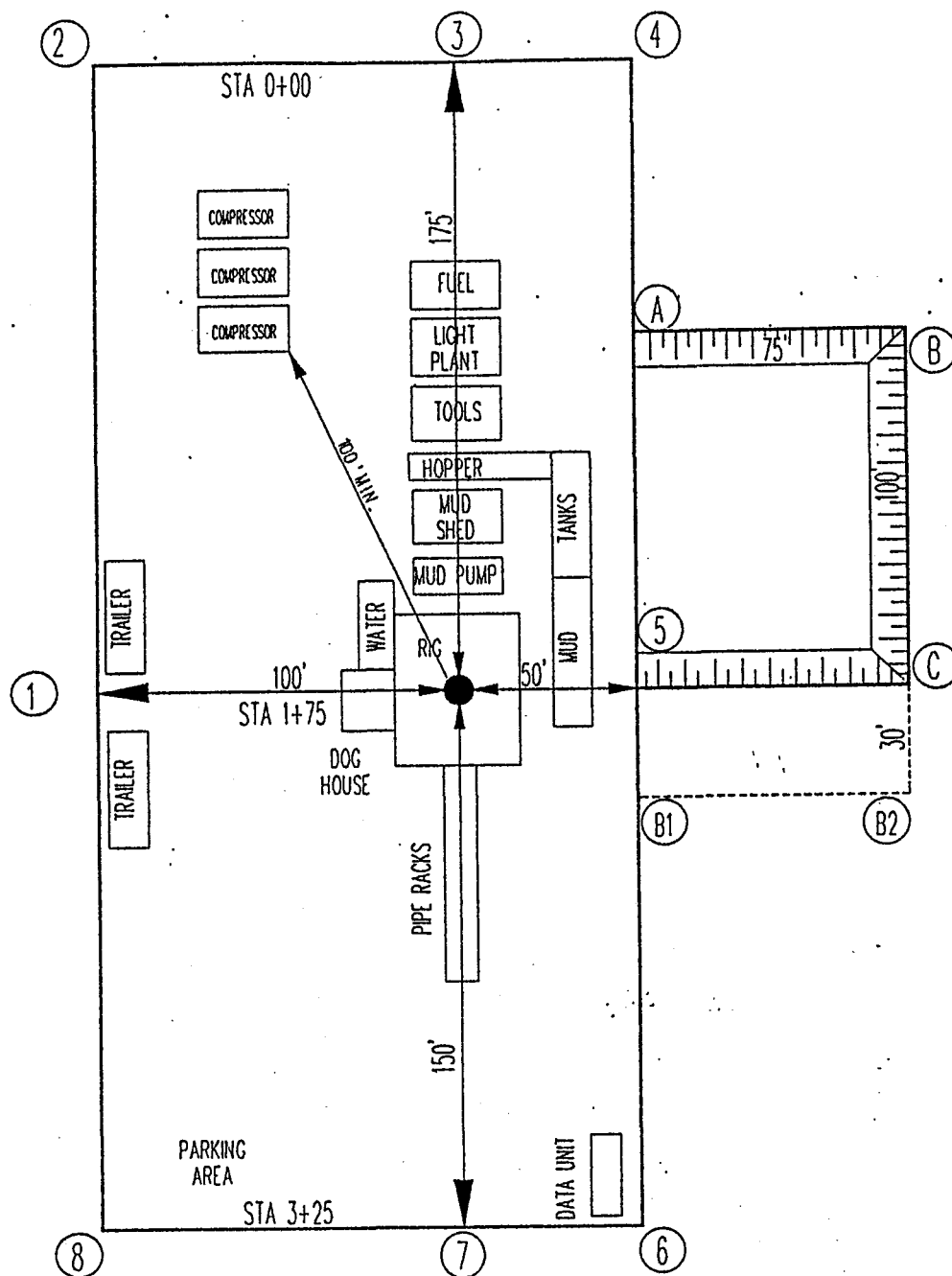
this 10th day of April, 19 89.

EXHIBITS "G" and "H"

Rig layouts and BOPE diagrams are submitted for both Union Drilling Rig #17 and Molen Drilling Rig #1. This well will be drilled with air as far as hole conditions allow and then with drilling fluids. See EXHIBIT "D" for additional details.

EQUITABLE RESOURCES ENERGY CO.

WELLSITE LAYOUT



TRI-STATE
LAND SURVEYING, INC.
38 WEST 100 NORTH, VERMILION, UTAH 84078
801-781-2501

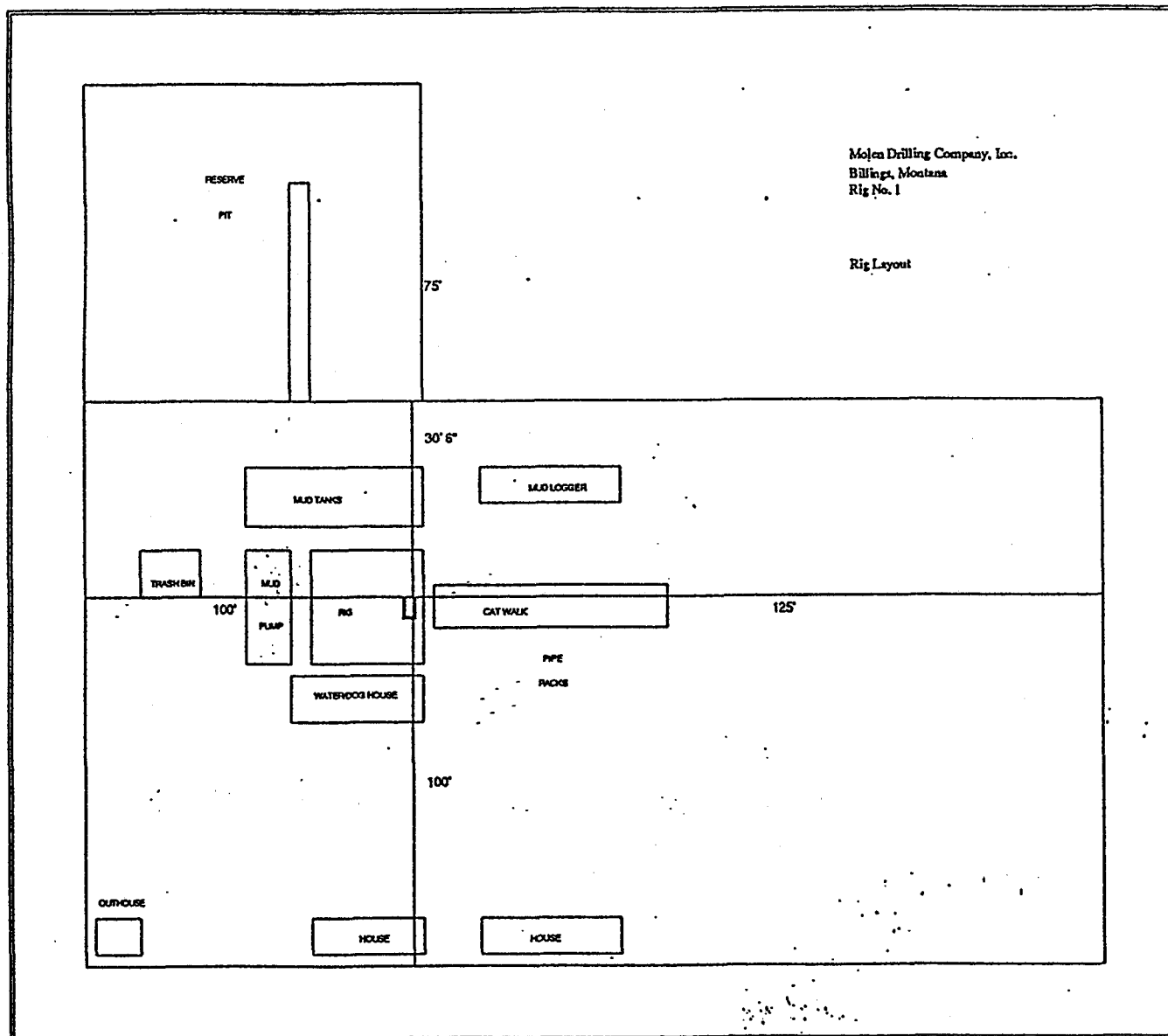
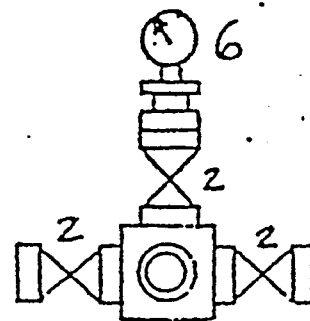
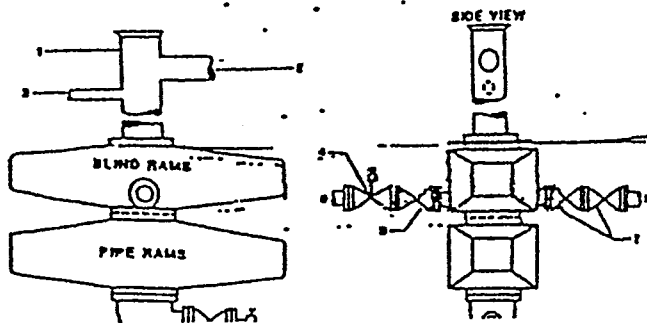
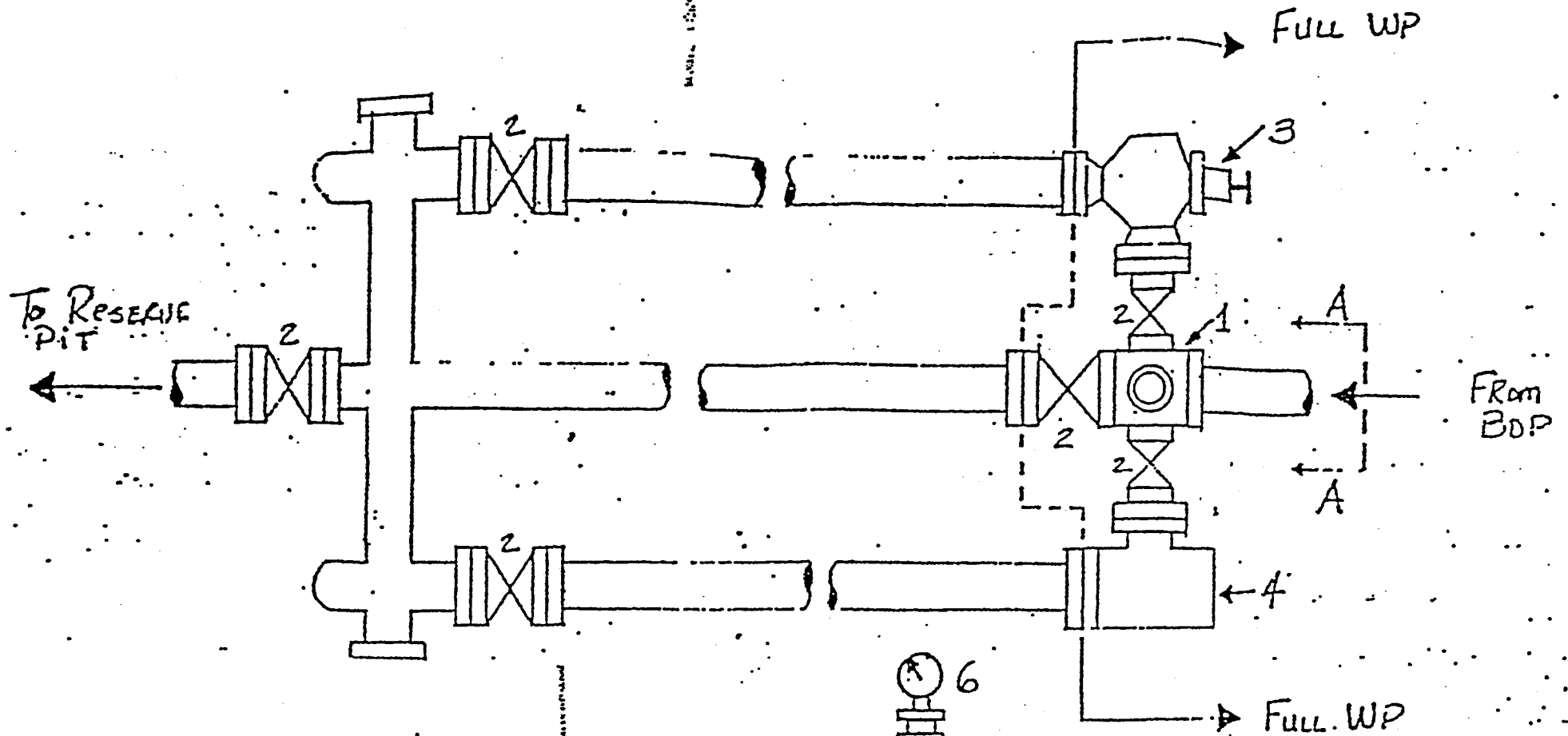


EXHIBIT "H"



VIEW A-A

1. Cross
2. Gate Valve
3. Adjustable Choke
4. Positive Choke
5. Welded Bull Plug, Lead Filled
6. 2" - 3000 psi mud pressure gauge

Notes: All lines must be securely anchored.

UNION DRILLING RIG #17

Hex Kelly -

ROTATING HEAD

ADJ. CHOKE

AIR BOWL

7" FLOWLINE

#3000
BLIND RM-PIPE RM

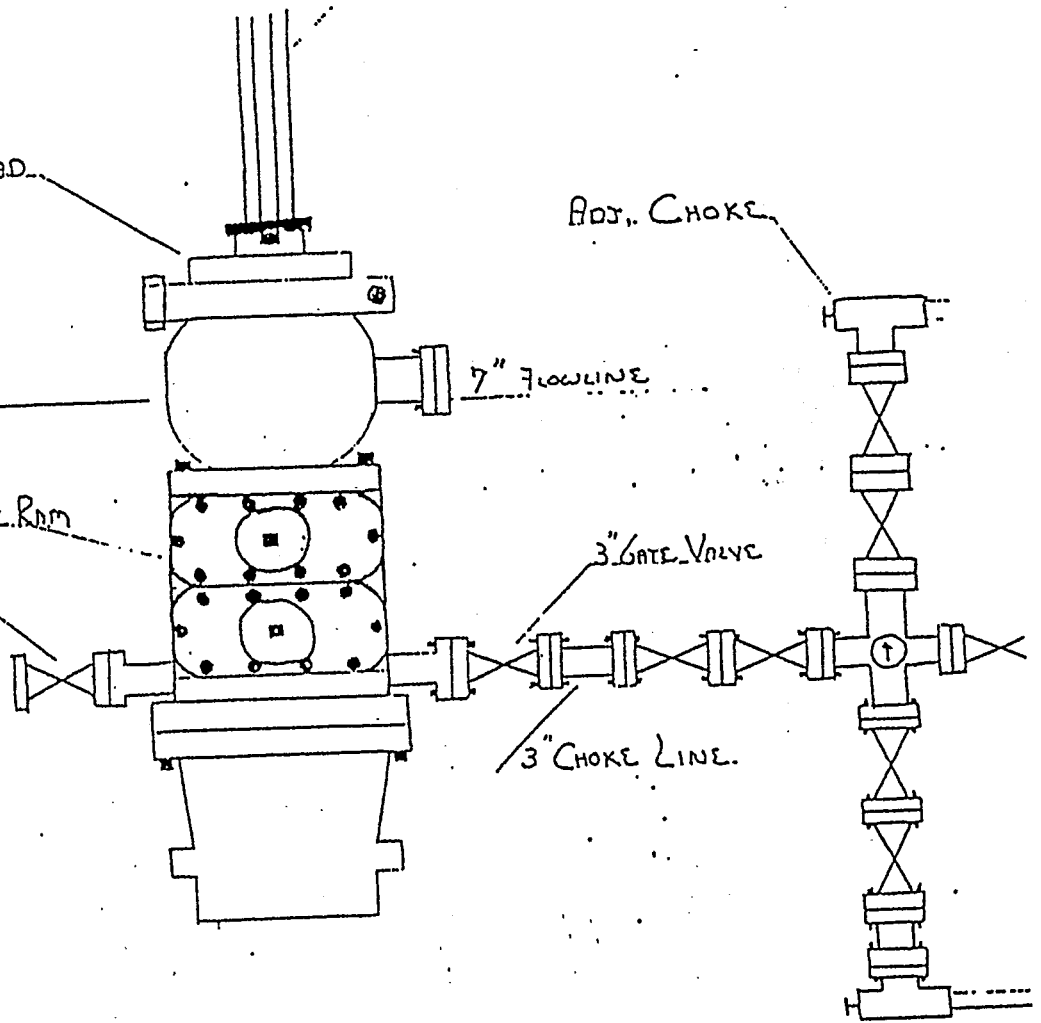
3" GATE VALVE

3" GATE VALVE

3" CHOKE LINE

ADJ. CHOKE

#3000 STACK



[illegible][illegible]

9.3 MILES
H-WAY 40

USM 234

EXISTING
24-5 WELL

EXISTING
ROAD

11-6
12-6
23-6
24-6
44-1J

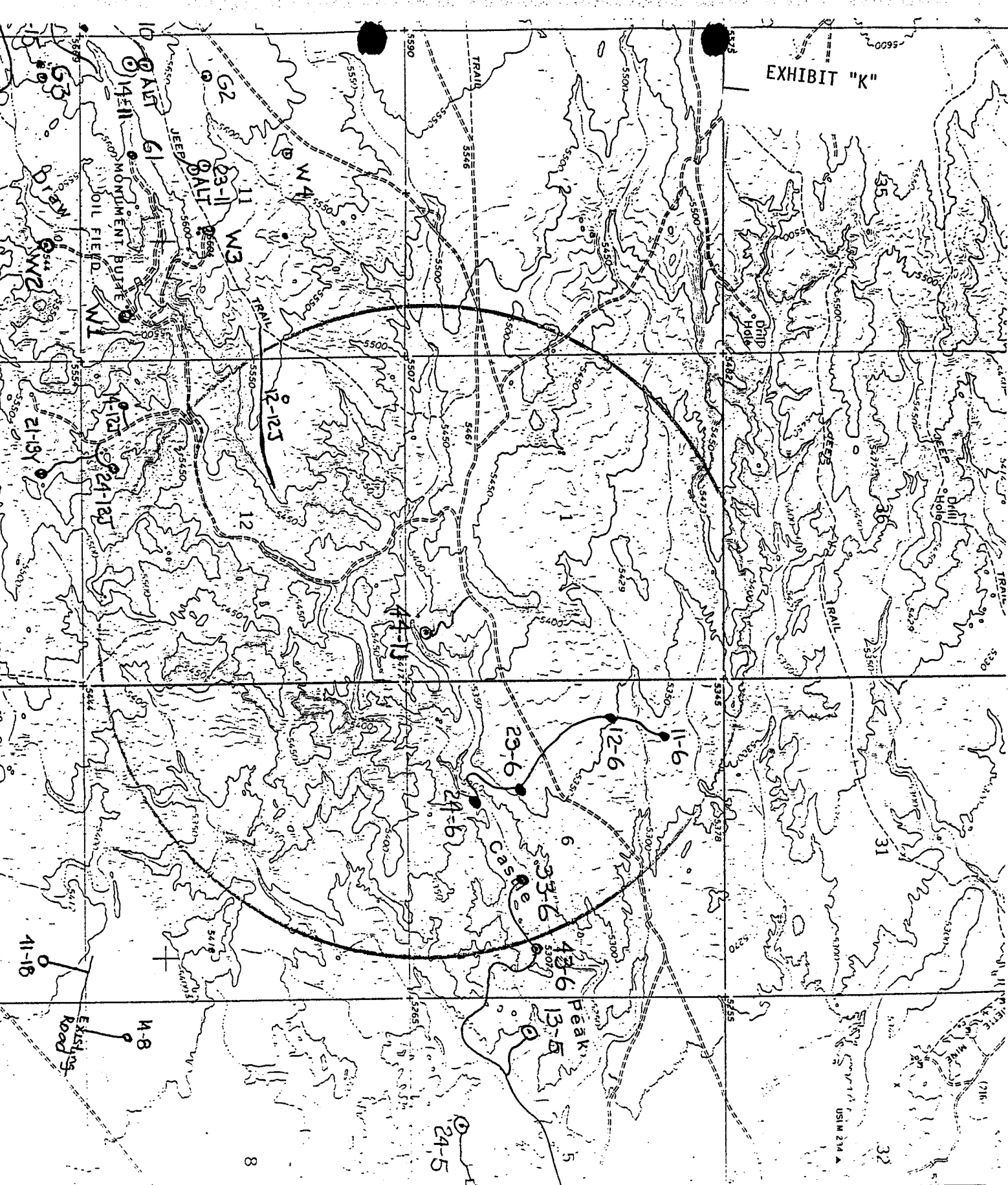
1/4 MILE

12-12J
14-12J
21-13Y

MONUMENT BUTTE
OIL FIELD

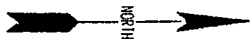
TRI-STATE
LAND SURVEYING, INC.
38 WEST 100 NORTH, VERNAL, UTAH 84078
801-781-2501

EQUITABLE RESOURCES ENERGY CO.
MONUMENT FEDERAL #44-1J
MAP "B"



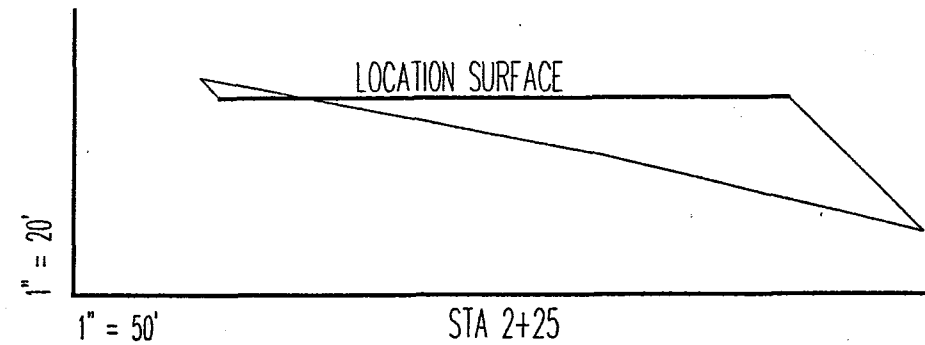
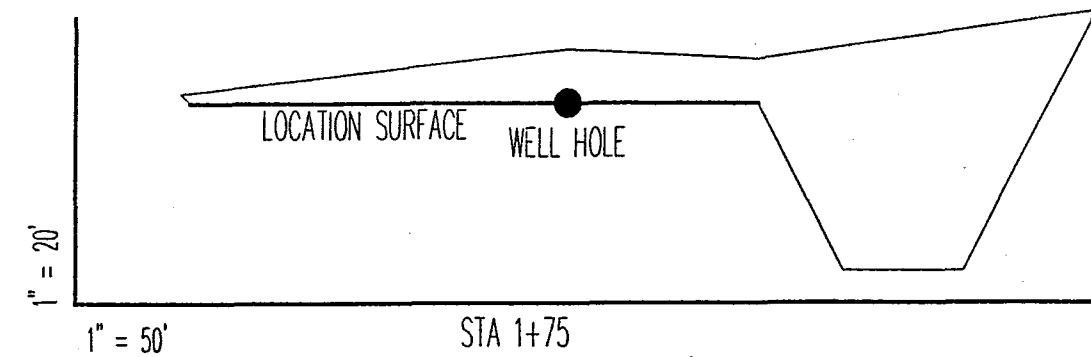
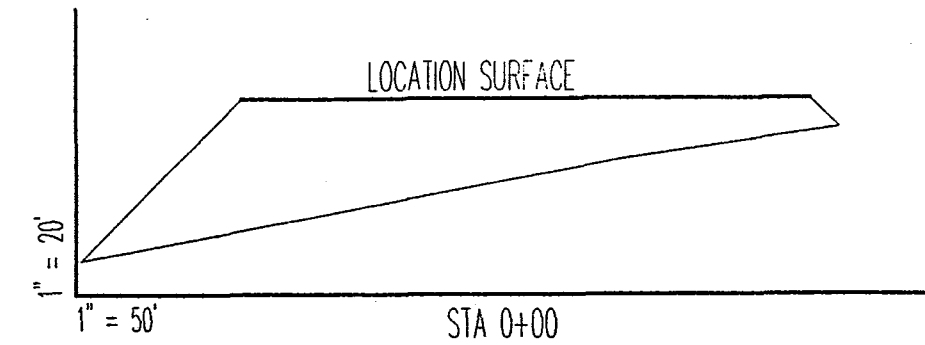
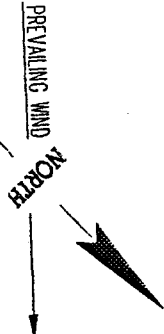
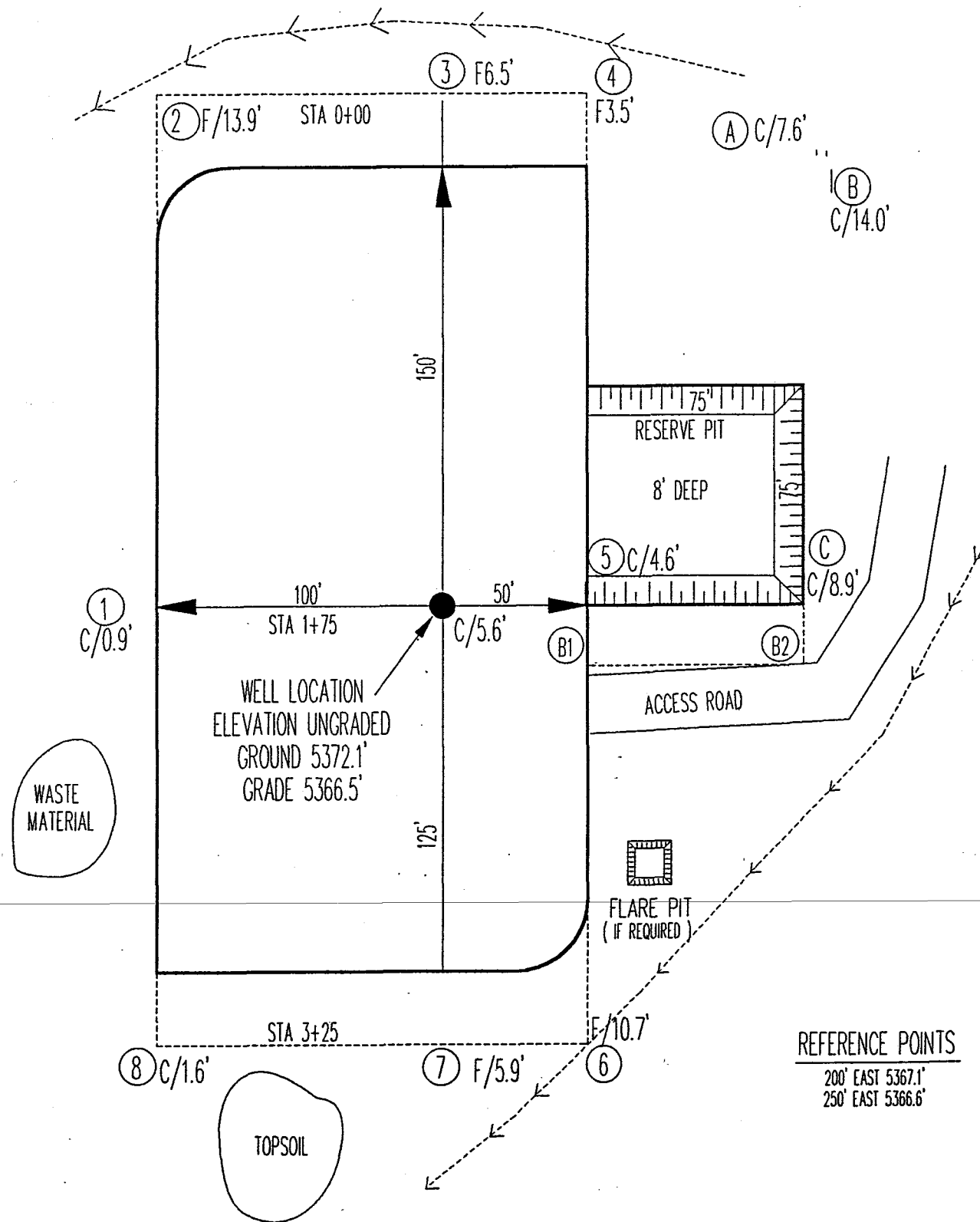
EQUITABLE RESOURCES ENERGY CO.
 MONUMENT FEDERAL #44-1J
 MAP "C"

TRI-STATE
 LAND SURVEYING, INC.
 33 WEST 100 NORTH, VERNAL, UTAH 84078
 801-781-2501



EQUITABLE RESOURCES ENERGY CO.

BALCRON MONUMENT FEDERAL #44-1J



REFERENCE POINTS
200' EAST 5367.1'
250' EAST 5366.6'

APPROXIMATE YARDAGE
CUT = 5603 Cu Yds
FILL = 5184 Cu Yds
PIT = 1826 Cu Yds

TRI-STATE
LAND SURVEYING, INC.
38 WEST 100 NORTH, VERNAL, UTAH 84078
801-781-2501

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/22/93

API NO. ASSIGNED: 43-013-31415

WELL NAME: BALCRON MONUMENT FED. 44-1J
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:

SESE 01 - T09S - R16E
SURFACE: 0338-FSL-0859-FEL
BOTTOM: 0338-FSL-0859-FEL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED
LEASE NUMBER: U-44426

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond
(Number FEDERAL)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number BY SUMMARY)
☒ RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

☒ R649-2-3. Unit: 470 72086A
____ R649-3-2. General.
____ R649-3-3. Exception.
____ Drilling Unit.
Board Cause no: _____
Date: _____

COMMENTS:

1994 POD

STIPULATIONS:



EQUITABLE **RESOURCES**
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

November 16, 1993

Margie Hermann
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Dear Margie:

RE: Balcron Monument Federal #44-1J
SE SE Section 1, T9S, R16E
Duchesne County, Utah

As we discussed, enclosed is the APD cover sheet for the referenced well. This is being sent to replace the one previously submitted and corrects the footages of the well. On the one previously submitted, I had them reversed.

Thank you for calling this to my attention!

Sincerely,

Bobbie Schuman
Bobbie Schuman

Coordinator of Operations,
Environmental and Regulatory Affairs

CONFIDENTIAL

/rs

Enclosure

cc: Utah Division of Oil, Gas and Mining (Attention: Mike Heberson)

RECEIVED

NOV 18 1993

DIVISION OF
OIL, GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING**CONFIDENTIAL**

Case Designation and Serial No.

Federal #U-44426

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name

n/a

7. Unit Agreement Name

Jonah Unit

8. Farm or Lease Name

Balcron Monument Federal

9. Well No.

#44-1J

10. Field and Pool, or Wildcat

Monument Butte/Green River

11. Qq. Sec., T., R., N., or S. and Survey or Area

SE SE Sec. 1, T9S, R16E

12. County or Parrish

Duchesne

13. State

UTAH

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil Well ☒Gas Well ☐Other ☐Single Zone ☐Multiple Zone ☐

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address of Operator

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface

338' FSL, 859' FEL

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*

Approximately 16 miles SW of Myton, UT

15. Distance from proposed*

location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

16. No. of acres in lease

17. No. of acres assigned to this well

13. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

19. Proposed depth

5,900'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DP, RT, GR, etc.)

5372.1' GL

22. Approx. date work will start*

Upon APD approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole

Size of Casing

Weight per Foot

Setting Depth

Quantity of Cement

See attached

Operator plans to drill this well in accordance with the attached Federal Application for Permit to Drill.

CONFIDENTIAL

NOV 18 1993

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. I hereby certify that this report is true and complete to the best of my knowledge

Signed Dobbie SchumanTitle Coordinator of Environmental

and Regulatory Affairs

(This space for Federal or State office use)

API NO. 113-013-31415

Approval Date

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MININGDATE: 11/22/93BY: [Signature]WELL SPACING: 649-2-3

Approved by

Title

Conditions of approval, if any:

*See Instructions On Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface
338' FSL, 859' FSL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 16 miles SW of Myton, UTAH

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5,900'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5372.1' GL

22. APPROX. DATE WORK WILL START*

UPON APD APPROVAL

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Drilling	Program/Casing	Design		

EXHIBITS ATTACHED

"A" PROPOSED DRILLING PROGRAM
"B" PROPOSED SURFACE USE PROGRAM
"C" GEOLOGIC PROGNOSIS
"D" DRILLING PROGRAM/CASING DESIGN
"E" EVIDENCE OF BOND COVERAGE
"F" SURVEY PLAT

"G" RIG LAYOUT
"H" BOPE DIAGRAM
"I" EXISTING ROADS (Map A)
"J" PLANNED CREEKS (Map B)
"K" EXISTING WELLS (Map C)
"L" CUT & FILL DIAGRAM

NOV 18 1993

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DIVISION OF
OIL, GAS & MINING

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bobbie Schuman

TITLE

Coordinator of Environmental
and Regulatory Affairs

DATE

October 20, 1993

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

November 18, 1993

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Gentlemen:

We are sending, under separate cover, copies of the archeological survey that has been conducted for the wells on the attached list. These are to be considered a part of the Applications for Permit to Drill those wells.

Sincerely,

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

cc: Utah Division of Oil, Gas and Mining

RECEIVED

NOV 19 1993

DIVISION OF
OIL, GAS & MINING

Balcron Monument Federal #31-1J
NW NE Section 1, T9S, R16E
Duchesne County, Utah
660' FNL, 1980' FEL
FLS #U-33992

Balcron Monument Federal #32-1J
SW NE Section 1, T9S, R16E
Duchesne County, Utah
2143' FNL, 1987' FEL
FLS #U-33992

Balcron Monument Federal #44-1J 43-013-31415
SE SE Section 1, T9S, R16E
Duchesne County, Utah
338 FSL, 859' FEL
FLS #U-44426

Balcron Monument Federal #12-11J
SW NW Section 11, T9S, R16E
Duchesne County, Utah
2128' FNL, 689' FWL
FLS #U-096550

Balcron Monument Federal #11-12J
NW NW Section 12, T9S, R16E
Duchesne County, Utah
660' FNL, 660' FWL
FLS #U-096550

Balcron Monument Federal #32-12J
SW NE Section 12, T9S, R16E
Duchesne County, Utah
1804.8' FNL, 2138.6' FEL
FLS #U-035521

Balcron Monument Federal #34-12J
SW SE Section 12, T9S, R16E
Duchesne County, Utah
796.4' FSL, 2175.5' FEL
FLS #U-035521

Balcron Monument Federal #21-14J
NE NW Section 14, T9S, R16E
Duchesne County, Utah
517.8' FNL, 1850.2' FWL
FLS #U-096547

**CULTURAL RESOURCE EVALUATION
OF EIGHT PROPOSED WELLS
IN THE MONUMENT BUTTES
LOCALITY OF DUCHESNE COUNTY, UTAH**

Report Prepared for Balcron Oil Company

Dept. of Interior Permit No.: UT-93-54937
AERC Project 1410 (BLCR-93-9)

Utah State Project No.: UT-93-AF-595b

Principal Investigator
F. Richard Hauck, Ph.D.

Authors of the Report
F. Richard Hauck & Glade V Hadden



**ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH
CORPORATION (AERC)**

181 North 200 West, Suite 5
P.O. Box 853
Bountiful, Utah 84011-0853

November 8, 1993

ABSTRACT

An intensive cultural resource evaluation has been conducted for Balcron Oil Company of eight proposed wells (Units 31-1J, 32-1J, 44-1J, 12-11J, 11-12J, 32-12J, 34-12J, 21-14J) and associated access routes situated on BLM administered lands located in the Monument Buttes locality of Duchesne County, Utah. This evaluation involved a total of 90.79 acres, of which 80 acres are associated with the eight well pads and an additional 10.79 acres associated with the various access road rights of way. These evaluations were conducted by Glade Hadden and Walter Lenington of AERC on October 29 and November 4, 1993.

No previously recorded significant or National Register eligible cultural resources will be adversely affected by the proposed developments.

Two newly identified cultural resource activity loci were discovered and recorded during the examinations. 42DC 780 is a significant prehistoric activity locus associated with well location 34-12J. This location can not be moved within the ten acre parcel to avoid Site 42DC 780 and the mitigation of the site is recommended should Balcron Oil Division desire to initiate a drilling program at this location. 42DC 781 is a non-significant prehistoric activity locus associated with well location 32-12J.

Six isolated artifacts (AERC #s 1410 G/X1 through 1410 G/X5 and 1410W/X1) are non-diagnostic flakes and bifacially flaked tools which were noted and recorded during the investigations.

AERC recommends project clearance based on adherence to the stipulations noted in the final section of this report.

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GENERAL INFORMATION

On October 29 and November 4, 1993, AERC archaeologists Glade Hadden and Walter Lenington conducted an intensive cultural resource evaluation for Balcron Oil Company of Billings, Montana. This examination involved eight proposed well locations (Units 31-1J, 32-1J, 44-1J, 12-11J, 11-12J, 32-12J, 34-12J, 21-14J) and associated access roads located in the Monument Buttes area south of Myton, Utah. Some 90.79 acres were examined which includes ca. 80 acres associated with the eight well pads and an additional 10.79 acres associated with the various 100 foot-wide access routes. This project is situated in the Monument Buttes locality of Duchesne County, Utah. The entire project area is situated on federal lands administered by the Bureau of Land Management, Vernal District Office, Diamond Mountain Resource Area.

The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed developments of these eight drilling locations require archaeological evaluations in compliance with U.C.A. 9-8-404, the Federal Antiquities Act of 1906, the Reservoir Salvage Act of 1960-as amended by P.L. 93-291, Section 106 of the National Historic Preservation Act of 1966-as amended, the National Environmental Policy Act of 1969, the Federal Land Policy and Management Act of 1979, the Archaeological Resources Protection Act of 1979, the Native American Religious Freedom Act of 1978, the Historic Preservation Act of 1980, and Executive Order 11593.

In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Bureau of Land Management Vernal District Office, and to the Utah State Antiquities Section. This work was done under U.S. Department of Interior Permit for Utah UT-93-54937 which expires on January 31, 1994.

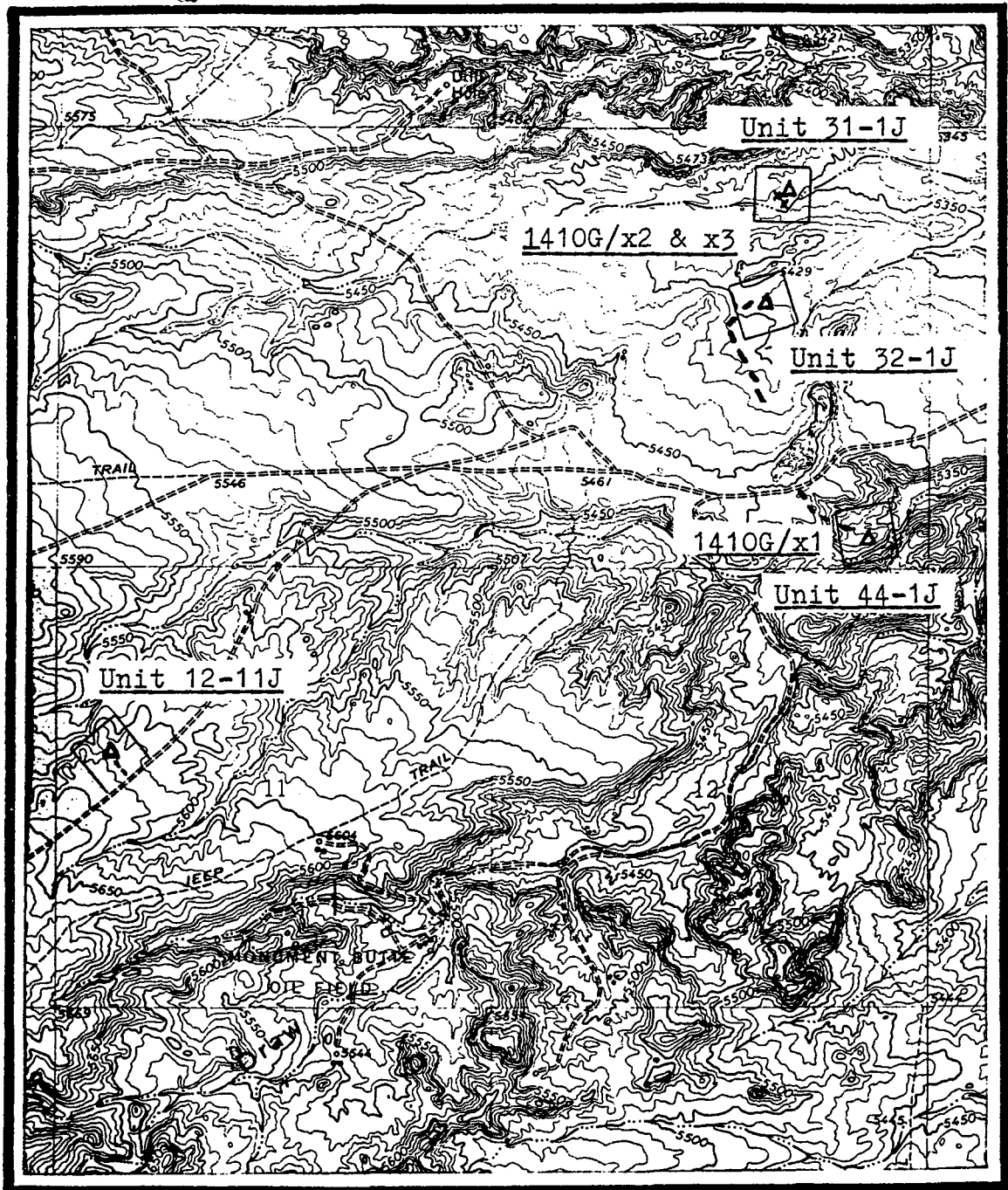
Project Location

The project location is in the Monument Buttes locality of Duchesne County, Utah. It is situated on the Myton SE 7.5 minute topographic quad. The proposed drilling locations are situated in the following sections:

Balcron Monument Federal #31-1J is located in the NW - NE of Section 1, T. 9 So., R. 16 E. (see Map 1)

Balcron Monument Federal #32-1J is located in the SW - NE of Section 1, T. 9 So., R. 16 E. and includes ca. 1500 feet of access road (see Map 1)

Balcron Monument Federal #44-1J is located in the SE - SE of Section 1, T. 9 So., R. 16 E. and includes ca. 700 feet of access road (see Map 1)



T. 9 South
R. 16 East
Meridian: SL
Quad: Myton
SE, Utah

4
N

Project: BLCR-93-9
Series: Uinta Basin
Date: 11-15-93

MAP 1
Cultural Resource Survey
of Proposed Drilling Units
in the Monument Butte
Locality of Duchesne Co.

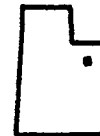
Scale: 1:24000

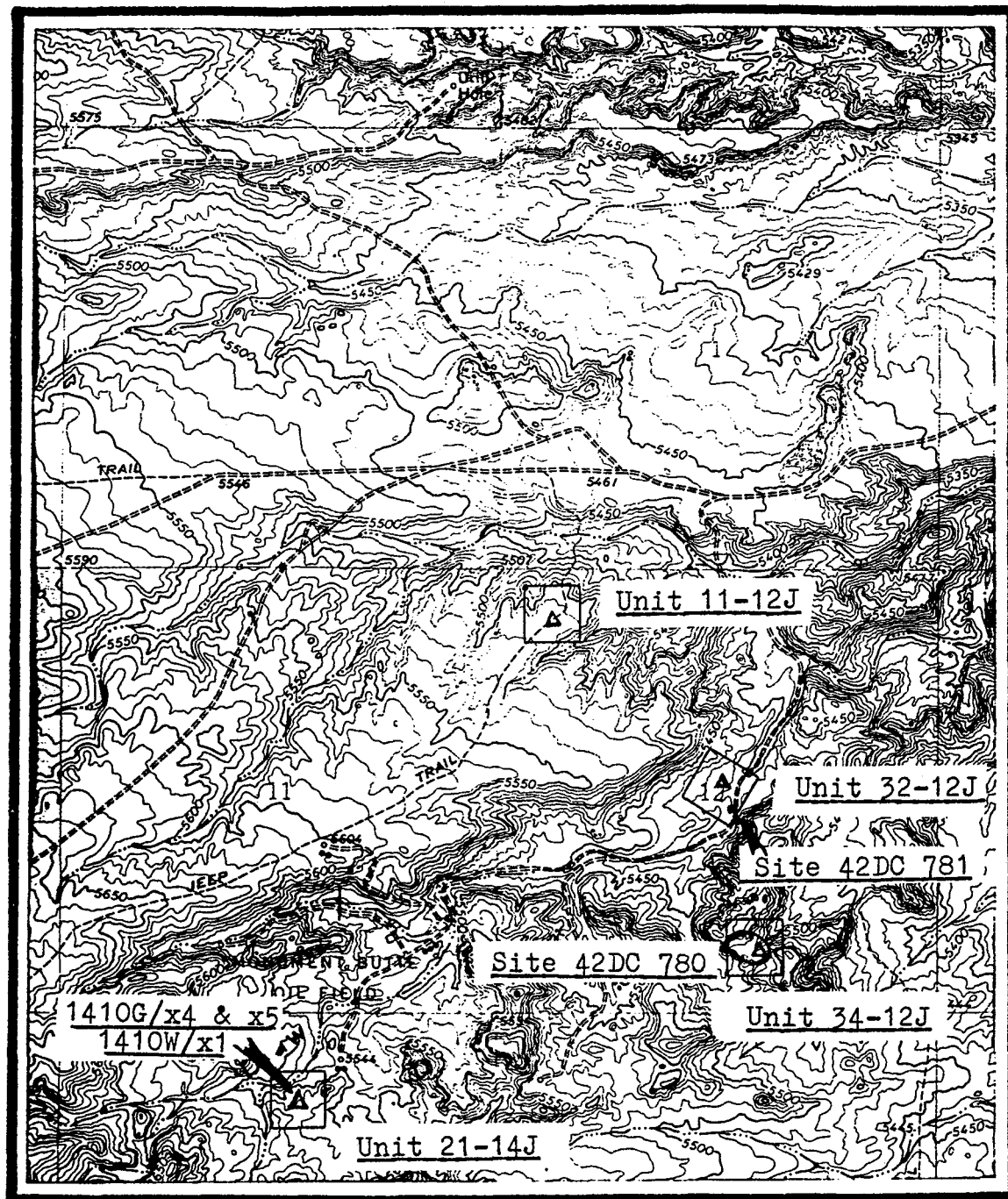
Legend:

Well Location

Access Route
10 Acre Survey Area

Isolated Artifact





T. 9 South
R. 16 East
Meridian: SL
Quad: Myton
SE, Utah

4
N

Project: BLCR-93-9
Series: Uinta Basin
Date: 11-15-93

MAP 2

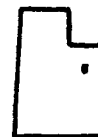
Cultural Resource Survey
of Proposed Drilling Units
in the Monument Butte
Locality of Duchesne Co.

Scale: 1:24000

3

Legend:

Well
Location
Access
Route
10 Acre
Survey
Area
Cultural
Site
Isolated
Artifact



Balcron Monument Federal #12-11J is located in the SW - NW of Section 11, T. 9 So., R. 16 E. (see Map 1)

Balcron Monument Federal #11-12J is located in the NW - NW of Section 12, T. 9 So., R. 16 E. and includes ca. 1800 feet of access road (see Map 2)

Balcron Monument Federal #32-12J is located in the SW - NE of Section 12, T. 9 So., R. 16 E. (see Map 2)

Balcron Monument Federal #34-12J is located in the SW - SE of Section 12, T. 9 So., R. 16 E. and includes ca. 500 feet of access road (see Map 2)

Balcron Monument Federal #21-14J is located in the NE - NW of Section 14, T. 9 So., R. 16 E. and includes ca. 200 feet of access road (see Map 2)

Environmental Description

The project area is within the 5300 to 5600 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lakebed surfaces are associated with the project area.

The vegetation in the project area includes *Chrysothamnus* spp., *Artemisia* spp., *Eriogonum* spp., *Sarcobatus vermiculatus*, *Ephedra viridis*, *Cercocarpus* spp., *Atriplex canescens*, and a variety of grasses.

The geological associations within the project area consist of fluvial and lake deposits which correlate with the Uinta Formation which is of Tertiary age.

PREVIOUS RESEARCH IN THE LOCALITY

File Search

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on October 18, 1993. A similar search was conducted in the Vernal District Office of the BLM on October 29, 1993. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Monument Buttes / Castle Peak Draw locality. Many of these prehistoric resources were identified and recorded by AERC during the Mapco River Bend survey (Norman and Hauck 1980). Other sites have been located and recorded by AERC and other archaeological consultants during oil and gas exploration inventories.

Prehistory and History of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 -- 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. -- A.D. 300), and Formative (ca. A.D. 400 -- 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 -- 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American trappers, explorers, and settlers. Basically, each cultural stage -- with the exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see Archaeological Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

Site Potential in the Project Development Zone

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters containing cobble reduction materials. Many of these quarry sites are of the "Tap and Test" variety, and extend for tens or hundreds of meters. Open occupations are also frequently being identified in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Plains Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the majority of Late Prehistoric (Numa) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e., Fremont, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and their primary tributary canyons.

Site density in certain portions of the region appears to range from one to four sites per section. These densities increase in the canyon bottoms due to Ute rock art loci. Recent evaluations indicate that the site densities may reach 8 to 12 sites per section in certain localities on the upper benches which were apparently favored for hunting, lithic resource procurement, and camping. Prehistoric sites on the rangeland benches appear to be associated with water courses and aeolian deposits.

FIELD EVALUATIONS

Methodology

Intensive evaluations consisted of the archaeologists walking a series of 10 to 20 meter-wide transects across a 10 acre area covering each well pad. In addition, access routes were surveyed by the archaeologists walking a pair of 10 to 15 meter wide transects on each side of the flagged access route right of way. Thus, a 30 meter-wide or 100 foot-wide corridor (ca. 10.79 acres) was examined for the total ca. 4700 foot length of proposed access road, in addition to the eighty acres inventoried on the well pads for a total of 90.79 acres.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus). The analysis of each specific cultural site results in its subsequently being sketched, photographed, and appropriately recorded on standard IMACS forms. Cultural sites are then evaluated for significance utilizing the standards described below and mitigation recommendations are considered as a means of preserving significant resources which may be situated within the development zone.

Site Significance Criteria

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or
- b. that are associated with the lives of persons significant in our past; or
- c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or
- d. that have yielded, or may be likely to yield, information important in prehistory or history.

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

Results of the Inventory

Two prehistoric cultural resource activity loci were observed and recorded during the archaeological evaluations. These two sites include 42DC 780 and 42DC 781. A brief summary of each site can be provided as follows:

Site 42DC 780 (see Map 2)

Site 42DC 780 is an extensive lithic scatter and sheltered occupation located within the development zone of Monument Federal Unit #34-12J. Site 42DC 780 consists of a 120 x 60 meter lithic scatter and shallow rock shelter complex. Isolated flakes are located up to 200 meters from the main locus. Artifacts are composed mainly of Parachute Creek Chert cores and flakes in all stages of lithic tool manufacture. Figure 1 is a sketch of a knife fragment manufactured from Parachute Creek Formation chert. This scatter appears to be the result of hunting, limited occupation and lithic procurement activities and is probably of Archaic date ranging in age between 1500 and 5000 years old. No artifacts were collected from this site.

This site is a significant cultural resource locus. Extensive subsurface deposits are present and include hearth areas. Some vandalism in the form of collectors piles were noted, however, numerous artifacts and features remain in an undisturbed context. The site qualifies under criterion d of Title 36 CFR 60.6 (see preceding section).

The butte where Unit 34-12J and Site 42DC 780 are located is too restricted to permit relocation of the proposed well pad in such a position as to avoid adverse impact to this cultural resource. Since avoidance is not a viable alternative, Site 42DC 780 will be subjected to primary or direct disturbance and exposed to secondary or indirect destruction (vandalism) should the proposed development of Unit 34-12J be initiated at this location without the implementation of a detailed archaeological recovery program to mitigate these potential adverse impacts.

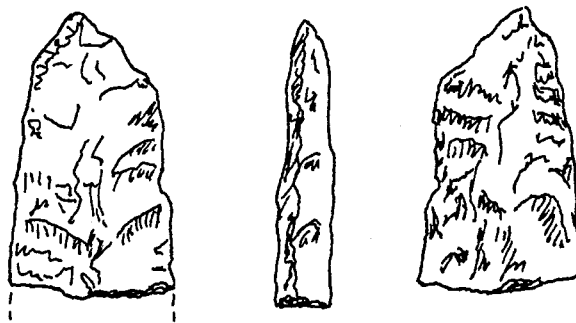


FIGURE 1: Knife Fragment -- Site 42DC 780
(actual size)

Site 42DC 781 (see Map 2)

Site 42DC 781 consists of a small lithic scatter located outside the development zone of Monument Federal Unit #32-12J. Site 42DC 781 is a 2 x 2 meter scatter of debitage consisting of five primary flakes of Parachute Creek chert. It is located near a rock overhang at the bottom of Castle Peak Draw.

This site is considered to be a non-significant cultural resource since it contains no potential for soil depth, no features, no occupational surfaces, and no diagnostic artifacts. This site does not qualify as a candidate for nomination to the National Register of Historic Places under any of the criteria as established in Title 36 CFR 60.6.

This non-significant site is outside the development area and will not be affected by the proposed development of Unit 32-12J.

No previously identified and recorded significant or National Register sites were noted or recorded during the survey.

No paleontological loci were observed or recorded during the evaluations.

Six isolated artifacts were recorded during the evaluations. None of these artifacts were collected. A brief description of these six artifacts follows:

Isolate 1410G/x1 (see Figure 2) consists of a non-diagnostic bifacially flaked ignimbrite stone tool. This artifact was located outside the development zone of Unit 44-1J (see Map 1).

Isolate 1410G/x2 (see Figure 3) is a non-diagnostic unifacially retouched flake scraper made from Parachute Creek chert. It was located within the development area for Unit 31-1J (see Map 1).

Isolate 1410G/x3 (see Figure 4) is a primary flake which was also constructed from parachute creek chert. Like Isolate 1410G/x2, this artifact was located within the development zone of Unit 31-1J (see Map 1).

Isolate 1410G/x4 (see Figure 5) consists of a biface blank fragment constructed from parachute creek chert. Like Isolate 1410G/x5, this artifact was located within the development zone of Unit 21-14J (see Map 2).

Isolate 1410G/x5 (see Figure 6) is a secondary flake which was also constructed from parachute creek chert. Like Isolate 1410W/x1, this artifact was located within the development zone of Unit 21-14J (see Map 2).

Isolate 1410W/x1 (see Figure 7) is a biface blank fragment which was also constructed from parachute creek chert. Like Isolates 1410G/x4 and x5, this artifact was located within the development zone of Unit 21-14J (see Map 2).

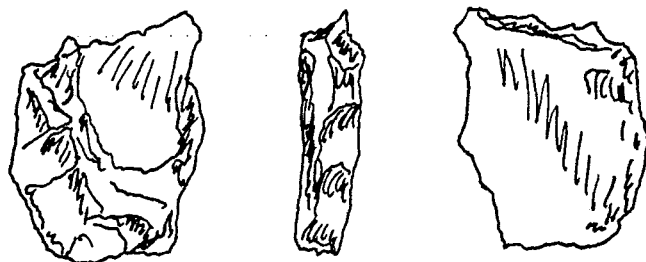


FIGURE 2: Isolated Artifact 1410G/x1
(actual size)

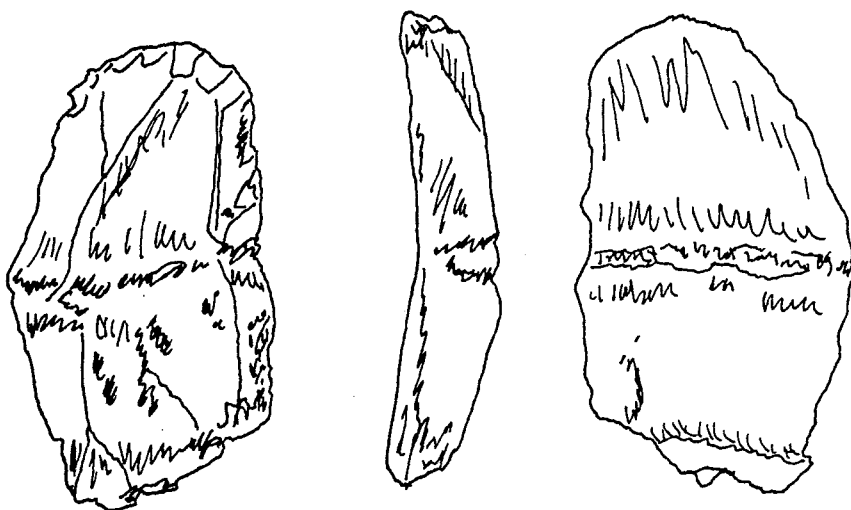


FIGURE 3: Isolated Artifact 1410G/x2
(actual size)

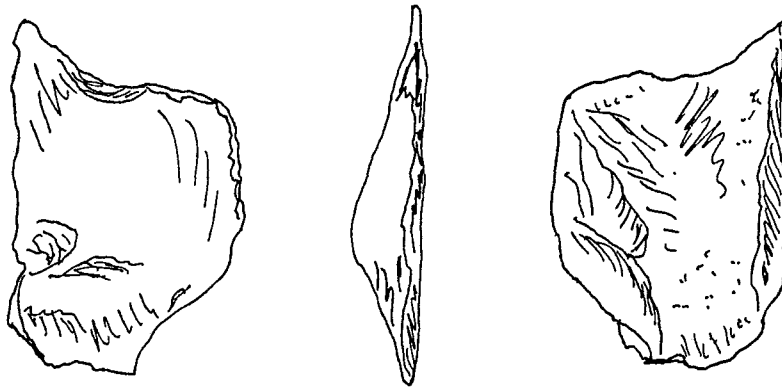


FIGURE 4: Isolated Artifact 1410G/x3
(actual size)

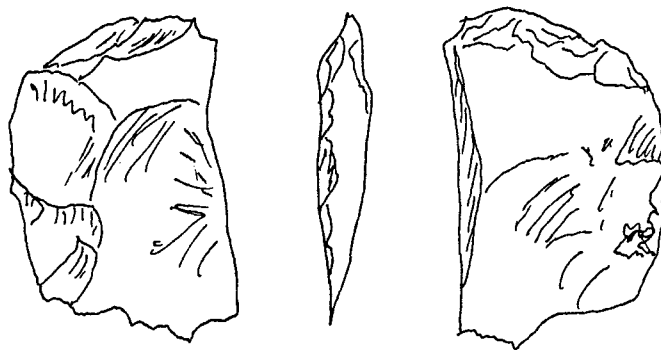


FIGURE 5: Isolated Artifact 1410G/x4
(actual size)

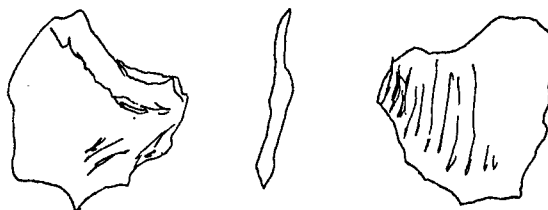


FIGURE 6: Isolated Artifact 1410G/x5
(actual size)

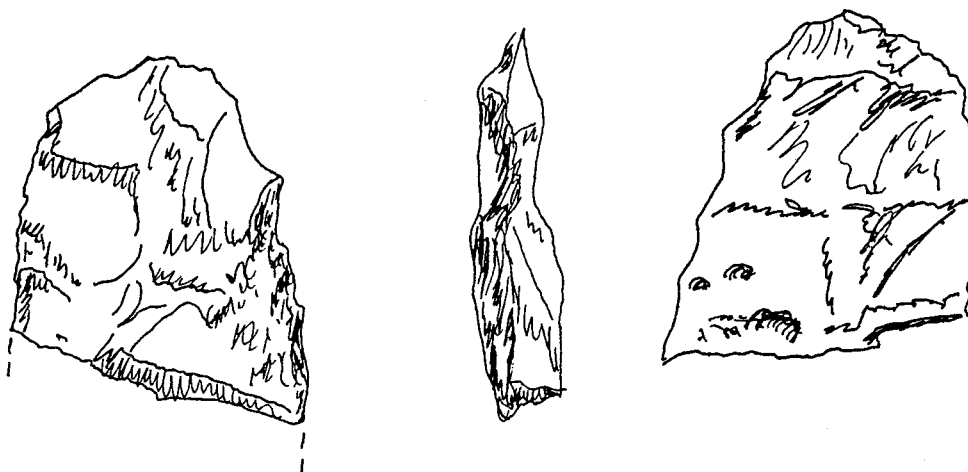


FIGURE 7: Isolated Artifact 1410W/x1
(actual size)

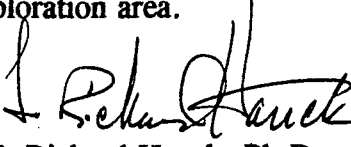
CONCLUSION AND RECOMMENDATIONS

Site 42DC 780, a significant prehistoric resource, cannot be avoided by moving the location of proposed Unit 34-12J since both the site and the well location occupy the top of an isolated butte. The development of Unit 34-12J will result in the destruction of Site 42DC 780 unless the adverse effect is adequately mitigated through the initiation of an archaeological recovery program.

No known significant cultural or paleontological resources will be adversely impacted during the development and operation of Balcron Units 31-1J, 32-1J, 44-1J, 12-11J, 11-12J, 32-12J, and 21-14J as evaluated during this project.

AERC recommends that a cultural resource clearance be granted to Balcron Oil Company relative to the developments of these eight proposed drilling locations based upon adherence to the following stipulations:

1. Should Balcron determine that the initiation of drilling activities on Unit 34-12J should proceed, AERC recommends that an extensive testing and artifact recovery program be implemented on this site prior to the construction period. Such a program should map the complete site including a point-plot map of all surface artifacts. In addition, the archaeological recovery program should section existing fire hearths to recover radiometric samples and to document all buried cultural contexts associated with those hearths. The stabilized dune deposits on the site should be test excavated in order to determine the presence of buried cultural contexts which could be disrupted during the construction of adjacent Unit 34-12J or could be vandalized by collectors during the construction phase or after completion of the drilling site.
2. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways.
3. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.
4. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.


F. Richard Hauck, Ph.D.
President and Principal
Investigator

REFERENCES

Hadden, Glade V and F. R. Hauck

1993a Cultural Resource Evaluation of Seven Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-4, Archeological-Environmental Research Corporation, Bountiful.

1993b Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-5, Archeological-Environmental Research Corporation, Bountiful.

Hauck, F. Richard

1981 Cultural Resource Inventory of Nine Proposed Well Locations and Access Roads in the Coyote Basin Locality of Uintah County, Utah, and in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Diamond Shamrock, DS-81-2, Archeological-Environmental Research Corporation, Bountiful.

1991 Archaeological Evaluations on the Northern Colorado Plateau Cultural Area, AERC Paper No. 45, Archeological-Environmental Research Corporation, Bountiful.

1992a Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-2, Archeological-Environmental Research Corporation, Bountiful.

1992b Addendum to Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-4, Archeological-Environmental Research Corporation, Bountiful.

1992c Cultural Resource Evaluations of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-5, Archeological-Environmental Research Corporation, Bountiful.

- 1992d Cultural Resource Evaluation of a Proposed Water Pipeline Corridor in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-6, Archeological-Environmental Research Corporation, Bountiful.
- 1992e Cultural Resource Evaluation of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-8, Archeological-Environmental Research Corporation, Bountiful.
- 1993a Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-1, Archeological-Environmental Research Corporation, Bountiful.
- 1993b Addendum to Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-2, Archeological-Environmental Research Corporation, Bountiful.
- 1993c Cultural Resource Evaluation of a Pipeline Corridor Situated in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-3, Archeological-Environmental Research Corporation, Bountiful.

Norman, V. Garth and F.R. Hauck

- 1980 Final Report on the Mapco River Bend Cultural Mitigation Study. AERC Paper No. 18, of the Archeological-Environmental Research Corporation, Bountiful.

RESULTS OF PALEONTOLOGY SURVEY AT BALCRON MONUMENT BUTTE FEDERAL #44-1J

Description of Geology and Topography-

This location is 10 miles south of Myton, Utah. It sits in a canyon which drains east 1/2 mile into castle Peak Draw. The canyon bottom is about 90 feet lower than the bench on the north. The wellpad sits on a low bench within the canyon about 10 to 15 feet above the valley floor.

The access road drops south down the west side of a ravine and southwest around a corner, then south onto the wellpad.

All rock outcrops in the area are of the Upper Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains.

Rock exposures in the immediate area of the road and well pad are composed of interbedded sandstone and mudstone. Most of the wellpad is on sandstone, but the southwest corner is over part of the valley floor.

Paleontological material found -

There are a few scattered turtle shell fragments at several places on and near the proposed road. These are weathered and broken. Several pieces of broken shell were found as broken pieces within rocks. No fossil vertebrate material was found on the wellpad. There were a few weathered bones of a modern horse in the area.

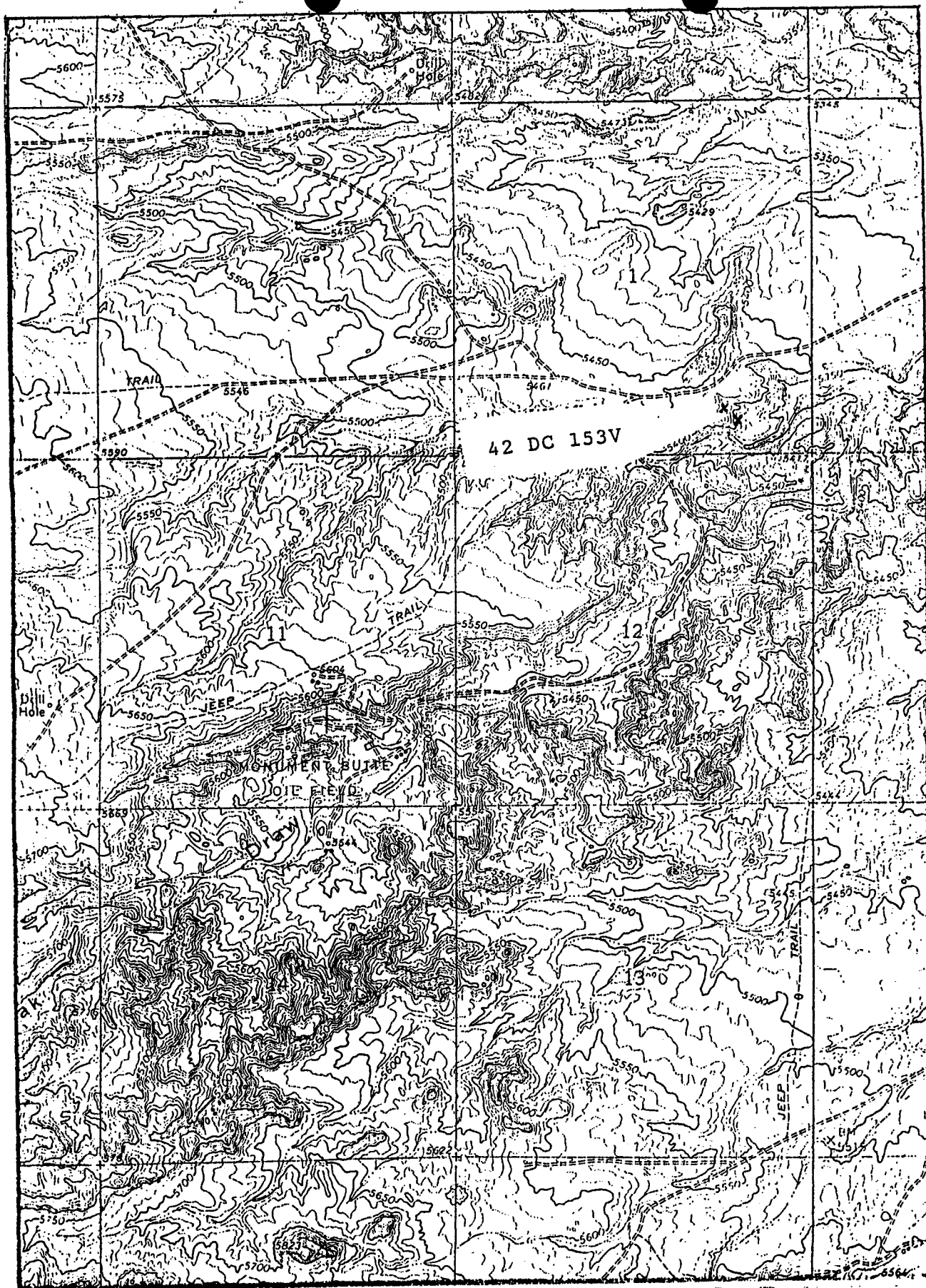
Recommendations-

The material found (turtle shell fragments) along the proposed access road is in rather poor condition and not highly significant. No recommendations are made for the road or the well location.

Michael A. Hambleton
Paleontologist

Date December 6, 1993

PALEONTOLOGY LOCALITY Data Sheet					Page 1 of 1 plus map									
					State Local. No. 42 DC 153V									
					Agency No.									
					Temp. No MONUMENT BUTTE OIL FIELD BALCRON FED. #44-1J									
1. Type of locality				Plant		Vertebrate		X		Trace		Other _____		
2. Formation: UINTA				Horizon: "B"				Geologic Age: Late Eocene						
3. Description of Geology and Topography: This location sits in a canyon which drains east 1/2 mile into castle Peak Draw. The canyon bottom is about 90 feet lower than the bench on the north. The wellpad sits on a low bench within the canyon about 10 to 15 feet above the valley floor. The access road drops south down the west side of a ravine and southwest around a corner, then south onto the wellpad. All rock outcrops in the area are of the Upper Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains. Rock exposures in the immediate area of the road and well pad are composed of interbedded sandstone and mudstone. Most of the wellpad is on sandstone, but the southwest corner is over part of the valley floor.														
4. Location of Outcrop: This location is 10 miles south Myton, Utah.														
5. Map Ref.		USGS Quad		Myton SE, Utah				Scale		7.5 Min		Edition 1964		
W1/2		of		SE1/4		of		SE1/4		of Sectn		1 T 9 S R 16E Meridn SLB		
6. State: UTAH				County: DUCHESNE COUNTY				BLM/FS District: VERNAL- DIAMOND MT.						
7. Specimens Collected and Field Accession No. None														
8. Repository:														
9. Specimens Observed and Disposition: There are a few scattered turtle shell fragments at several places on and near the proposed road. These are weathered and broken. Several pieces of broken shell were found as broken pieces within rocks. No fossil vertebrate material was found on the wellpad. There were a few weathered bones of a modern horse in the area.														
10. Owner:				State		BLM		X		US FS		NPS		
Private										IND		MIL		
												OTHR		
11. Recommendations for Further Work or Mitigation: The material found (turtle shell fragments) along the proposed access road is in rather poor condition and not highly significant. No recommendations are made for the road or the well location.														
12. Type of Map Made by Recorder:														
13. Disposition of Photo Negatives:														
14. Published References: Hamblin, A. H., 1987, Paleogeography and paleoecology of the Myton Pocket, Uinta Basin, Utah (Uinta Formation - Upper Eocene): BYU Geology Studies vol. 34, no. 1, p. 33-80. Hamblin, A. H., 1992a, Desert Spring Natural Gas Environmental Assessment: Uintah and Duchesne Counties, Utah, Supplementary Report to Technical Report No. 2: Paleontological Resources. Mariah Associates, Inc., Laramie, Wyoming, MAI project 702. Hamblin, A. H., 1992b, Paleontology of the Monument Butte Environment Assessment Study Area, For Mariah Associates, Inc., Laramie, Wyoming.														
15. Remarks:														
16. Sensitivity:		Critical		Significant		Important		X		Insignificant				
17. Recorded by: Alden Hamblin, Paleontologist								Date: October 28, 1993						



42 DC 153V

BALCRON OIL MONUMENT BUTTE FEDERAL #44-1J
SE SE SEC. 1, T9S, R16E, SLB&M MYTON SE, UT QUAD



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

November 22, 1993

Equitable Resources Energy Company
P.O. Box 21017
Billings, Montana 59104

Re: Balcron Monument Federal #44-1J Well, 338' FSL, 859' FEL, SE SE, Sec. 1,
T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to Utah Code Ann. § 40-6-18, (1953, as amended), Utah Admin. R. 649-2-3, Application of Rules to Unit Agreements and R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
2. Notification within 24 hours after commencing drilling operations.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or Mike Hebertson, Oil and Gas Field Specialist, (Home) (801)269-9212.

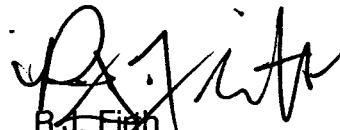


Page 2
Equitable Resources Energy Company
Balcron Monument Federal #44-1J Well
November 22, 1993

6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-31415.

Sincerely,



R.J. Firth
Associate Director, Oil and Gas

ldc
Enclosures
cc: Duchesne County Assessor
Bureau of Land Management, Vernal
WO11

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

Name of Operator

Equitable Resources Energy Company, Balcon Oil Division

Address and Telephone No.

P.O. Box 21017, Billings, MT 59104 (406) 259-7860

Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE SE Section 1, T9S, R16E

338' FSL, 859' FFL

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

U-44426

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcon Monument Federal #44-1J

9. API Well No.

43-013-31415

10. Field and Pool, or Exploratory Area

Monument Butte/ Green River

11. County or Parish, State

Duchesne County, Utah

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other

identification of chemicals

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Use Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

4. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attached.

RECEIVED

DEC 03 1993

DIVISION OF
OIL, GAS & MINING

4. I hereby certify that the foregoing is true and correct

Signed

Coordinator of Environmental
and Regulatory Affairs

Date December 1, 1993

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

ATTACHMENT TO SUNDRY NOTICE

- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

- Cement (cement and associated additives)
- Crude oil (produced hydrocarbons)
- Diesel (fuels)
- Fly ash (cement and associated additives)
- Gasoline (fuels)
- Hydrochloric acid (acids, organic)
- Lime (cement and associated additives)
- Potassium chloride (salt solutions)

We anticipate that it is possible that the 10,000 pound threshold of the above chemicals could be met or exceeded in these operations. With the exception of crude oil, all chemicals used will be in the normal course of drilling and completion operations and will be provided by service companies subcontracted by the operator. Storage, transportation, and disposal of any of these chemicals will be handled by such service companies. It is anticipated that drilling of this well will produce crude oil.

- B. Extremely hazardous substances threshold quantities (per Howard Cleavinger 11/30/93) of which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

12/1/93
/rs



EQUITABLE **RESOURCES**
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

RECEIVED
DEC 03 1993

Office: (406) 259-7860

FAX: (406) 245-1365

FAX: (406) 245-1361

DIVISION OF
OIL, GAS & MINING

December 1, 1993

-- VIA FEDERAL EXPRESS --

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

BALCRON MONUMENT Federal 44-1J
43-013-31415
Sec 1 T9S R16E

Gentlemen:

In response to APD deficiency letters for wells on the enclosed list, enclosed are sundry notices giving identification of chemicals. Also noted on that list are specific comments on archeological reports, Plan of Development, and Right-of-Way where applicable. There were three requests for archeological reports which were submitted with the APDs (see EXHIBIT "M" of those APDs). Please confirm that you did receive those with the APDs.

Thank you.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining

MONUMENT BUTTE DRILLING PROGRAM

NINTH BATCH

=====

Balcron Monument Federal #32-12J
SW NE Section 12, T9S, R16E
Duchesne County, Utah
1804.8' FNL, 2138.6' FEL
FLS #U-035521
PTD: 5,800'
GL 5413'

Archeological Report sent 11/18/93
POD has been approved

Balcron Monument Federal #34-12J
SW SE Section 12, T9S, R16E
Duchesne County, Utah
796.4' FSL, 2175.5' FEL
FLS #U-035521
PTD: 5,800'
GL 5524.1'

Archeological Report sent 11/18/93
POD has been approved

Balcron Monument Federal #21-14J
NE NW Section 14, T9S, R16E
Duchesne County, Utah
517.8' FNL, 1850.2' FWL
FLS #U-096547
PTD: 5,750'
GL 5592.5'

Archeological Report sent 11/18/93
POD has been approved

Balcron Monument Federal #34-10J
SW SE Section 10, T9S, R16E
Duchesne County, Utah
592' FSL, 1979.2' FEL
FLS #U-017985
PTD: 5,850'
GL 5,717.7'

Archeological Report submitted with
APD -- see EXHIBIT "M"
POD has been approved

Balcron Monument Federal #31-1J
NW NE Section 1, T9S, R16E
Duchesne County, Utah
660' FNL, 1980' FEL
FLS #U-33992
PTD: 5,950'
GL 5368.1'

Archeological Report sent 11/18/93
POD has been approved
ROW applied for 11/12/93

Balcron Monument Federal #32-1J
SW NE Section 1, T9S, R16E
Duchesne County, Utah
2143' FNL, 1987' FEL
FLS #U-33992
PTD: 5,950'
GL 5398.4'

Archeological Report sent 11/18/93
POD has been approved

Balcron Monument Federal #44-1J
SE SE Section 1, T9S, R16E
Duchesne County, Utah
338 FSL, 859' FEL
FLS #U-44426
PTD: 5,900'
GL 5372.1'

Archeological Report sent 11/18/93
POD has been approved
New APD face page sent 11/16/93

Balcron Monument Federal #12-11J
SW NW Section 11, T9S, R16E
Duchesne County, Utah
2128' FNL, 689' FWL
FLS #U-096550
PTD: 5,700'
GL 5617.2'

Archeological Report sent 11/18/93
POD has been approved

Balcron Monument Federal #11-12J
NW NW Section 12, T9S, R16E
Duchesne County, Utah
660' FNL, 660' FWL
FLS #U-096550
PTD: 5,900'
GL 5516.1'

Archeological Report sent 11/18/93
POD has been approved

Balcron Monument Federal #21-15J
NE NW Section 15, T9S, R16E
Duchesne County, Utah
644.7' FNL, 1830.3' FWL
FLS #U-017985
PTD: 5,800'
GL 5,737.20'

Balcron Monument Federal #43-15J
NE SE Section 15, T9S, R16E
Duchesne County, Utah
1777.9' FSL, 788.4' FEL
FLS #U-017985
PTD: 5,700'
GL 5,701.8'

Archeological Report submitted with
APD -- see EXHIBIT "M"
POD has been approved

Archeological Report submitted with
APD -- see EXHIBIT "M"
POD has been approved

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

Name of Operator

Equitable Resources Energy Company, Balcon Oil Division

Address and Telephone No.

P.O. Box 21017, Billings, MT 59104 (406) 259-7860

Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE SE Section 1, T9S, R16E

338' FSL, 859' FEL

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

U-44426

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcon Monument Federal #44-1J

9. API Well No.

43-013-31415

10. Field and Pool, or Exploratory Area

Monument Butte/ Green River

11. County or Parish, State

Duchesne County, Utah

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice☐ Abandonment☐ Recompletion☐ Plugging Back☐ Casing Repair☐ Altering Casing☒ Other paleo report☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut-Off☐ Conversion to Injection☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the paleontology report of the wellpad location and access road.

RECEIVED

DEC 10 1993

DIVISION OF
OIL, GAS & MINING

I, I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman

Title

Coordinator of Environmental
and Regulatory AffairsDate December 8, 1993

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

BALCRON OIL

Balcron Monument Federal #44-1J

SE SE Section 1, T9S, R16E, SLB&M

Duchesne County, Utah

PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

ALDEN H. HAMBLIN
PALEONTOLOGIST
235 EAST MAIN
VERNAL, UTAH 84078

DECEMBER 4, 1993



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

December 8, 1993

-- VIA FEDERAL EXPRESS --

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

CONFIDENTIAL

Gentlemen:

Enclosed are sundry notices forwarding paleontology reports of wellpad location and access roads for the following:

Balcron Monument Federal #44-1J 43-013-31415
Balcron Monument Federal #34-12J
Balcron Monument Federal #32-12J
Balcron Monument Federal #32-1J
Balcron Monument Federal #31-1J
Balcron Monument Federal #21-14J
Balcron Monument Federal #12-11J
Balcron Monument Federal #11-12J

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining

RECEIVED

DEC 10 1993

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

338' FSL, 859' FSL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 16 miles SW of Myton, UTAH

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
5,900'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5372.1' GL

22. APPROX. DATE WORK WILL START*
UPON APD APPROVAL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Drilling	Program/Casing	Design		

EXHIBITS ATTACHED

"A" PROPOSED DRILLING PROGRAM
"B" PROPOSED SURFACE USE PROGRAM
"C" GEOLOGIC PROGNOSIS
"D" DRILLING PROGRAM/CASING DESIGN
"E" EVIDENCE OF BOND COVERAGE
"F" SURVEY PLAT

"G" RIG LAYOUT
"H" BOPE DIAGRAM
"I" EXISTING ROADS (Map A)
"J" PLANNED ACCESS (Map B)
"K" EXISTING WELLS (Map C)
"L" CUT & FILL DIAGRAM"

RECEIVED

DEC 20 1993

DIVISION OF
OIL, GAS & MINING

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bobbie Schuman

TITLE

Coordinator of Environmental
and Regulatory Affairs

DATE

October 20, 1993

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

David B. Leary

TITLE

ASSISTANT DISTRICT

DATE

DEC 1 1993

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL

NOTICE OF APPROVAL

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Balcron Monument Federal 44-1J

API Number: 43-013-31415

Lease Number: U-44426

Location: SESE Sec. 1 T. 9S R. 16E

Surface Ownership: Federal Lands administered by BLM

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at ± 787 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to ± 587 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka (801) 781-1190
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PLAN OF OPERATION

Conditions of Approval (COAs)

Methods for Handling Waste Disposal

The reserve pit liner will be a minimum of 12 mil thickness with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

Well Site Layout

The dirt contractor must review Exhibit L to be sure and round corners No. 2 and 6, and build to proper length of location and size of reserve pit.

Additional Surface Conditions of Approval

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The operator or his/her contractor shall contact the BLM Office at (801) 789-1362 twenty-four to forty-eight (24-48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

The requested emergency pit is hereby approved under Onshore Order No. 7, subject to the following Conditions of Approval:

1. The emergency pit shall be fenced and the fence maintained for safety, and to prevent livestock and wildlife entry. The pit shall be fenced according to the same minimum standards listed for drilling the reserve pit under Point 9E of the Multi-point Surface Use and Operation Plan. The fence shall be maintained in a taut condition. Fences shall not be built on berms.
2. Turn downs shall be put on the ends of pipes to direct fluids downward instead of against the wall of the pit.

If paleontologic resources are found or uncovered during ground disturbing activities, Balcron will suspend all operations that would further disturb such materials and immediately contact the BLM Authorized Officer.

Reseeding of reclaimed areas is preferred in the fall after September 15 until the ground freezes.

Waiver of Fencing Around Containment Tanks.

Well No. 44-1J Lease No. U-44426 Date. 10-15-93

Balcron Oil Division's operation supervisor has requested to modify fencing around small containment tanks for the above well location. The purpose of the BLM fencing standards are to prevent injury to livestock or wildlife by entering pits which may contain fluids. Balcron's present method of placing 100 barrel tanks covered with metal cross supports and wire mesh within earthen depressions accomplishes this purpose. **This method of containment does not need fencing.** Balcron will need to maintain at least one side of the earthen depression the tank rests in at less than a 1:1 slope to allow escape if needed and any hydrocarbons that enter the depression must be considered a spill and removed within 48 hours.

Stanley R. Olmstead
Natural Resource Protection Spec.

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #44-1J

Location: SE SE Section 1, T9S, R16E

Duchesne County, Utah

859' FSL, 338' FEL

PTD: 5900' Formation: Green River

Jonah Unit / Monument Butte Field

Elevations: 5372.1' GL

Contractor: Union Drilling Rig #17

Operator: Balcron/EREC

Spud: 8-5-94 @ 4 p.m.

Casing: 8-5/8", 24#, J-55 @ 261'

Tubing:

12-18/20-93 Start location w/Stubbs. Work on road & location. Shut down.

7-6/11-94 Work on location, shoot pit, & finish location.

7-13-94 Install pit liner.

8-6-94 TD: 260' (260') Day 1

Formation: Uintah

MW air & mist

Present Operation: Drilling surface hole.

MIRU, drill rat hole, drill & set conductor pipe. NU air head.

Drill surface hole.

DC: \$6,932

CC: \$34,837

8-7-94 TD: 647' (387') Day 2

Formation: Uintah

MW air & mist

Present Operation: Work on kelly bushing.

Drill surface hole, blow hole, TOH, RU & run 8-5/8" csg as follows:

Guide Shoe .60'

1 jt 8-5/8", 24# Shoe Jt 44.20'

Insert Float -----

5 jts 8-5/8", 24#, J-55 Csg 208.20'

253.00'

Landing Jt

8.00'

8-5/8" csg set @

261.00' (3 centralizers)

Cmt by Western w/160 sxs Class "G" w/2% CCL & 1/4#/sx Celoflakes.

3 bbls cmt back to pit. Plug down @ 10 a.m. WOC, install surface

head, NU BOP & test BOP & manifold to 2000#, test csg to 1500# -

OK. TIH & drill cmt, drill hole, & work on kelly bushings.

DC: \$9,366

CC: \$44,203

8-8-94 TD: 2,086' (1,439') Day 3

Formation: Green River

MW air & mist

Repair drive bushings, drill, survey, clean & paint.

DC: \$18,852

CC: \$63,055

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATION

NAME OF COMPANY: EQUITABLE RESOURCES

WELL NAME: BMF 44-1J

API NO. 43-013-31415

Section 1 Township 9S Range 16E County DUCHESNE

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 8/5/94

Time

How ROTARY

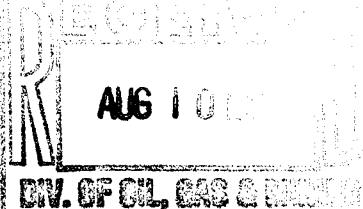
Drilling will commence

Reported by DLI-DOGM

Telephone #

Date 8/8/94 SIGNED JLT

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6



Equitable Resources Energy Company
OPERATOR Balcron Oil Division
ADDRESS P.O. Box 21017
Billings, MT 59104
(406) 259-7860

OPERATOR ACCT. NO. N 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	11492	→	43-013-31415	Balcron Monument Federal #44-LJ	SE SE	1	9S	16E	Duchesne	8-5-94	8-5-94
WELL 1 COMMENTS: Entity added 8-11-94. (Jonah Unit) Lee Spud of a new well.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

DATE: 8-8-94

Robbie Schuman
Signature
Regulatory & Environmental Specialist
Title

Phone No. (406) 259-7860

DAILY OPERATING REPORTBALCON MOUNTAIN FEDERAL #3-11Location: SE SE Section 1, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

8-9-94 TD: 3,301' (1,215') Day 4
Formation: Green River
MW air & mist
Present Operation: Drilling
Drill, survey, BOP, drill, clean & paint on rig.
Rig inspection by Jerry Barnes, BLM.
DC: \$16,806 CC: \$79,861

8-10-94 TD: 4,038' (737') Day 5
Formation: Yellow Zone
MW 8.5 VIS 26
Present Operation: Drilling
Drill, survey, circ & load hole w/fluid. Trip for bit, drill,
survey & work on pump.
DC: \$10,534 CC: \$90,395

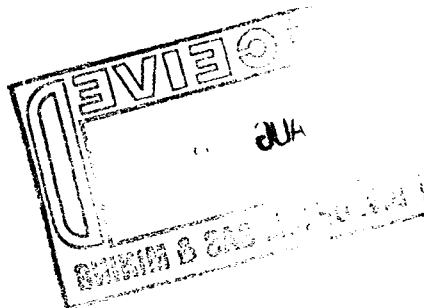
8-11-94 TD: 4,628' (590') Day 6
Formation: Red Zone
MW 8.5 VIS 26
Present Operation: Drilling
Drill, survey, clean & paint on rig.
DC: \$9,418 CC: \$99,813

DAILY OPERATING REPORTBALCON MONUMENT FEDERAL #44-11Location: SE SE Section 1, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

8-9-94 TD: 3,301' (1,215') Day 4
Formation: Green River
MW air & mist
Present Operation: Drilling
Drill, survey, BOP, drill, clean & paint on rig.
Rig inspection by Jerry Barnes, BLM.
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MW 8.5 VIS 26
Present Operation: Drilling
Drill, survey, circ & load hole w/fluid. Trip for bit, drill,
survey & work on pump.
DC: \$10,534 CC: \$90,395



DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #44-1J

Location: SE SE Section 1, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

8-9-94 TD: 3,301' (1,215') Day 4
Formation: Green River
MW air & mist
Present Operation: Drilling
Drill, survey, BOP, drill, clean & paint on rig.
Rig inspection by Jerry Barnes, BLM.
DC: \$16,806 CC: \$79,861

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017, Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE SE Section 1, T9S, R16E
338' FSL, 859' FEL

5. Lease Designation and Serial No.

U-44426

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcron Monument Federal #44-1J

9. API Well No.

43-013-31415

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Report of Spud.
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was spud on 8-5-94 at 4:00 p.m.

14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman

Title

Regulatory and
Environmental Specialist

Date

8-8-94

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

AUG 11 1994

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-44426
2. Name of Operator Equitable Resources Energy Company, Balcon Oil Division	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. P.O. Box 21017, Billings, MT 59104 (406) 259-7860	7. If Unit or CA, Agreement Designation Jonah Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SE SE Section 1, T9S, R16E 338' FSL, 859' FEL	8. Well Name and No. Balcon Monument Federal #44-1J
	9. API Well No. 43-013-31415
	10. Field and Pool, or Exploratory Area Monument Butte/ Green River
	11. County or Parish, State Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>change in cement program</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The production cement program on this well will be changed to:

250 sacks Western Super "G" consisting of 47 #/sack "G", 20 #/sack Poz A, 17 #/sack CSE, 3% salt, 2% gel and 2 #/sack Hi-seal 2. (Yield = 2.76 Cu.Ft./Sk, Weight = 11.08 PPG). Tailed with 300 sacks 50-50 Poz with 2% Gel, 1/4 #/sack Cello-seal and 2 #/sack Hi-seal. (Yield = 1.24 Cu.Ft./Sk, Weight = 14.30 PPG).

a.) Actual cement volumes will be determined using caliper log.

b.) Cement top will be approximately 590' as specified in the conditions of approval attached to the APD.

The cement program is being changed to improve cement bond quality and improve compressive strength in the lead slurry.

14. I hereby certify that the foregoing is true and correct

Signed <u>Bobbie Schuman</u>	Title <u>Regulatory and Environmental Specialist</u>	Date <u>August 10, 1994</u>
(This space for Federal or State Office use)		

Approved by _____ Title _____

Conditions of approval, if any: _____

Accepted by the
Utah Division of
Oil, Gas and Mining

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse
FOR RECORD ONLY

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #44-15

Location: SE SE Section 1, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

8-9-94 TD: 3,301' (1,215') Day 4
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MW air & mist
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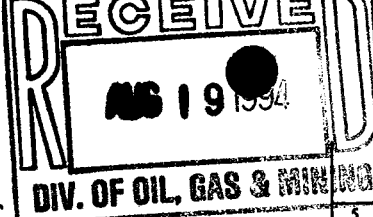
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Drill, survey, circ & load hole w/fluid. Trip for bit, drill,
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DC: \$10,534 CC: \$90,395

8-11-94 TD: 4,628' (590') Day 6
Formation: Red Zone
MW 8.5 VIS 26
Present Operation: Drilling
Drill, survey, clean & paint on rig.
DC: \$9,418 CC: \$99,813

8-12-94 TD: 5,146' (518') Day 7
Formation: Green Zone
MW 8.5 VIS 27
Present Operation: Drilling
Drill, survey, clean & paint on rig.
DC: \$7,938 CC: \$107,751

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company, Balcon Oil Division

3. Address and Telephone No.

P.O. Box 21017, Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE SE Section 1, T9S, R16E

338' FSL, 859' FEL

5. Lease Designation and Serial No.

U-44426

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcon Monument Federal #44-1J

9. API Well No.

43-013-31415

10. Field and Pool, or Exploratory Area

Monument Butte/ Green River

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other variance request
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator requests a variance to regulations requiring a straight run blooie line on this well.

Operator requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line on this well.

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman

Regulatory and
Environmental Specialist

Date August 17, 1994

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

DAILY OPERATING REPORTBALCRON MONUMENT FINDER #44-AJ

Location: SE SE Section 1, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

8-19-94 Completion

Cas on vacuum. TIH w/retrieving too, 2-3/8" x 4' sub, HD packer, SN & 160 jts 2-7/8" tbg. Tag sand @ 4950' KB. Circ down to BP @ 5036' KB. Pull up & set packer @ 4926'KB. Made 32 swab runs, recovered 190 bbls fluid, 2 BO, 188 BW, & good gas. Last three runs, fluid level stable @ 2300'. Last 13 runs, oil @ 2%. SWIFN.
DC: \$2,335 CC: \$228,734

8-20-94 Completion

CP - 0, TP - 85 psi. Fluid level @ 900'. Made 42 swab runs, recovered 252 bbls fluid. First run 80% oil, last 5 runs 50% oil w/good gas. Last 3 runs fluid level stable @ 2800', 80 BO, 172 BW & good gas. SWIFN.
DC: \$1,616 CC: \$230,350

DAILY OPERATING REPORTBACRON MONUMENT FEDERAL #44-1J

Location: SE SE Section 1, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

- 8-14-94 TD: 5,750' (37') Day 9
Formation: Green River
MW 8.5 VIS 27
Present Operation: RDMO.
Drill, circ for logs, TOH, log well, TIH w/collars & drill pipe.
LD collars & pipe, change pipe rams & BOP. Test BOP to 2000# - OK.
Run 5-1/2" csg as follows:
Guide Shoe
1 jt 5-1/2" 15.5# shoe jt .60'
Float Collar 44.30'
132 jt 5-1/2" 15.5# J-55 1.00'
5683.02'
5728.92'
9.00'
5737.92'
5692.02'
Landing Jt
5-1/2" csg land @
PBSD @
Cmt w/Western w/430 sxs Super "G" +47#/sx G 20#/sx POZA + 17#/sx
CSE, 3% salt, 2% gel & 2#/sx Hi-Seal2. Tailw/240 sxs 50-50 POZ +
2% gel, 1/4#/sx Celloseal & 2#/sx Hi-Seal2. Plug down @ 6 a.m.
Circ cmt, ND, set slips, clean mud tank. Release rig @ 10 a.m. 8-
14-94.
DC: \$68,490
CC: \$185,634
- 8-16-94 Completion
Dress up location, set rig anchors, set tanks. MIRU Cannon Well
Service Rig #2. TIH w/4-3/4" bit, 5-1/2" scraper, & 43 jts 2-7/8"
tbg. SWIFN.
DC: \$4,370
CC: \$190,004
- 8-17-94 Completion
Continue in hole w/bit & scraper. Tag PBSD @ 5688' KB. Circ hole
clean w/127 bbls 2% KCL wtr. TOOH w/tbg & tools. RU Cutter
Wireline to run CBL from PBSD to 200' above cmt top @ 535' KB. RU
Cutter to perforate 4971'-74' (4 SPF), 4977'-81' (4 SPF) & 4987'-
94' (4 SPF). RD Cutters. TIH w/5-1/2" RBP, retrieving head, 2-
3/8" x 4' sub, HD packer, SN & 162 jts 2-7/8" tbg. Pull up & lease
packer unset @ 4926' KB, EOT 4940'. SWIFN.
DC: \$6,796
CC: \$196,800
- 8-18-94 Completion
BP set @ 5036' KB, set packer, @ 4926' KB. RU Western to do KCL
break down w/3612 gals 2% KCL wtr. ATP 2500 psi, max 4650 psi. ATR
5.3 bpm, max 6 bpm. ISIP 1650 psi. TOOH w/tbg & packer. RU
Western to frac. 4971'-74', 4977'-81' & 4987'-94' w/46,870# 16/30
mesh sand w/14,112 gals 2% KCL gelled wtr. ATP 2300 psi, max 2730
psi. ATR 30.1 bpm, max 30.5 bpm. ISIP 2280 psi, 5 min 1820 psi,
10 min 1650 psi, 15 min 1560 psi, 30 min 1300 psi. Forced closure.
SWIFN.
DC: \$29,599
CC: \$226,399

DAILY OPERATING REPORTBALCON MONUMENT FEDERAL-744-14

Location: SE SE Section 1, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

8-14-94 TD: 5,750' (37') Day 9

Formation: Green Rive

MW 8.5 VIS 27

Present Operation: RDMO.

Drill, circ for logs, TOH, log well, TIH w/collars & drill pipe.

LD collars & pipe, change pipe rams & BOP. Test BOP to 2000# - OK.

Run 5-1/2" csg as follows:

Guide Shoe .60'

1 jt 5-1/2" 15.5# shoe jt 44.30'

Float Collar 1.00'

132 jt 5-1/2" 15.5# J-55 5683.02'

5728.92'

Landing Jt 9.00'

5-1/2" csg land @ 5737.92'

PBTD @ 5692.02'

Cmt w/Western w/430 sxs Super "G" +47#/sx G 20#/sx POZA + 17#/sx

CSE, 3% salt, 2% gel & 2#/sx Hi-Seal2. Tailw/240 sxs 50-50 POZ +

2% gel, 1/4#/sx Celloseal & 2#/sx Hi-Seal2. Plug down @ 6 a.m.

Circ cmt, ND, set slips, clean mud tank. Release rig @ 10 a.m. 8-

14-94.

DC: \$68,490

CC: \$185,634

8-16-94 Completion

Dress up location, set rig anchors, set tanks. MIRU Cannon Well

Service Rig #2. TIH w/4-3/4" bit, 5-1/2" scraper, & 43 jts 2-7/8"

tbq. SWIFN.

DC: \$4,370

CC: \$190,004

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #44-15

Location: SE SE Section 1, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

8-14-94 TD: 5,750' (37') Day 9
Formation: Green River
MW 8.5 VIS 27
Present Operation: RDMO.
Drill, circ for logs, TOH, log well, TIH w/collars & drill pipe.
LD collars & pipe, change pipe rams & BOP. Test BOP to 2000# - OK.
Run 5-1/2" csg as follows:
Guide Shoe .60'
1 jt 5-1/2" 15.5# shoe jt 44.30'
Float Collar 1.00'
132 jt 5-1/2" 15.5# J-55 5683.02'
5728.92'
9.00'
Landing Jt 5737.92'
5-1/2" csg land @ 5692.02'
PBTD @
Cmt w/Western w/430 sxs Super "G" +47#/sx G 20#/sx POZA + 17#/sx
CSE, 3% salt, 2% gel & 2#/sx Hi-Seal2. Tailw/240 sxs 50-50 POZ +
2% gel, 1/4#/sx Celloseal & 2#/sx Hi-Seal2. Plug down @ 6 a.m.
Circ cmt, ND, set slips, clean mud tank. Release rig @ 10 a.m. 8-
14-94.
DC: \$68,490 CC: \$185,634

8-16-94 Completion
Dress up location, set rig anchors, set tanks. MIRU Cannon Well
Service Rig #2. TIH w/4-3/4" bit, 5-1/2" scraper, & 43 jts 2-7/8"
tbq. SWIFN.
DC: \$4,370 CC: \$190,004

8-17-94 Completion
Continue in hole w/bit & scraper. Tag PBTD @ 5688' KB. Circ hole
clean w/127 bbls 2% KCL wtr. TOOH w/tbq & tools. RU Cutter
Wireline to run CBL from PBTD to 200' above cmt top @ 535' KB. RU
Cutter to perforate 4971'-74' (4 SPF), 4977'-81' (4 SPF) & 4987'-
94' (4 SPF). RD Cutters. TIH w/5-1/2" RBP, retrieving head, 2-
3/8" x 4' sub, HD packer, SN & 162 jts 2-7/8" tbq. Pull up & lease
packer unset @ 4926' KB, EOT 4940'. SWIFN.
DC: \$6,796 CC: \$196,800

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #44-1J

Location: SE SE Section 1, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

8-9-94 TD: 3,301' (1,215') Day 4
Formation: Green River
MW air & mist
Present Operation: Drilling
Drill, survey, BOP, drill, clean & paint on rig.
Rig inspection by Jerry Barnes, BLM.
DC: \$16,806 CC: \$79,861

8-10-94 TD: 4,038' (737') Day 5
Formation: Yellow Zone
MW 8.5 VIS 26
Present Operation: Drilling
Drill, survey, circ & load hole w/fluid. Trip for bit, drill,
survey & work on pump.
DC: \$10,534 CC: \$90,395

8-11-94 TD: 4,628' (590') Day 6
Formation: Red Zone
MW 8.5 VIS 26
Present Operation: Drilling
Drill, survey, clean & paint on rig.
DC: \$9,418 CC: \$99,813

8-12-94 TD: 5,146' (518') Day 7
Formation: Green Zone
MW 8.5 VIS 27
Present Operation: Drilling
Drill, survey, clean & paint on rig.
DC: \$7,938 CC: \$107,751

8-13-94 TD: 5,713' (567') Day 8
Formation: Blue Zone
MW 8.5 VIS 27
Present Operation: Drilling
Drill, clean & paint on rig & survey.
DC: \$9,393 CC: \$117,144

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #44-1J

Location: SE SE Section 1, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

8-14-94 TD: 5,750' (37') Day 9

Formation: Green Rive

MW 8.5 VIS 27

Present Operation: RDMO.

Drill, circ for logs, TOH, log well, TIH w/collars & drill pipe.

LD collars & pipe, change pipe rams & BOP. Test BOP to 2000# - OK.

Run 5-1/2" csg as follows:

Guide Shoe .60'

1 jt 5-1/2" 15.5# shoe jt 44.30'

Float Collar 1.00'

132 jt 5-1/2" 15.5# J-55 5683.02'

5728.92'

Landing Jt 9.00'

5-1/2" csg land @ 5737.92'

PBTD @ 5692.02'

Cmt w/Western w/430 sxs Super "G" +47#/sx G 20#/sx POZA + 17#/sx

CSE, 3% salt, 2% gel & 2#/sx Hi-Seal2. Tailw/240 sxs 50-50 POZ +

2% gel, 1/4#/sx Celloseal & 2#/sx Hi-Seal2. Plug down @ 6 a.m.

Circ cmt, ND, set slips, clean mud tank. Release rig @ 10 a.m. 8-14-94.

DC: \$68,490

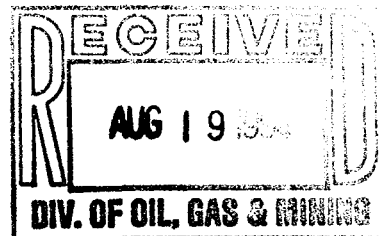
CC: \$185,634



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104



Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

August 17, 1994

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Gentlemen:

RE: Balcron Monument Federal #44-1J
SE SE Section 1, T9S, R16E
Duchesne County, Utah

Attached is a sundry notice requesting variances on the referenced well.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

Attachment

cc: Utah Division of Oil, Gas and Mining

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #44-1J

Location: SE SE Section 1, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

8-19-94 Completion
Cas on vacuum. TIH w/retrieving too, 2-3/8" x 4' sub, HD packer, SN & 160 jts 2-7/8" tbq. Tag sand @ 4950' KB. Circ down to BP @ 5036' KB. Pull up & set packer @ 4926'KB. Made 32 swab runs, recovered 190 bbls fluid, 2 BO, 188 BW, & good gas. Last three runs, fluid level stable @ 2300'. Last 13 runs, oil @ 2%. SWIFN.
DC: \$2,335 CC: \$228,734

8-20-94 Completion
CP - 0, TP - 85 psi. Fluid level @ 900'. Made 42 swab runs, recovered 252 bbls fluid. First run 80% oil, last 5 runs 50% oil w/good gas. Last 3 runs fluid level stable @ 2800', 80 BO, 172 BW & good gas. SWIFN.
DC: \$1,616 CC: \$230,350

8-22-94 Completion
CP 0 psi, TP 60 psi. Fluid level @ 500' on 1st run. Made 10 swab runs, swabbed back 60 bbls of fluid. 34 BO, 26 BW, good gas, & no sand. Release packer, tag sand @ 5015' KB. Circ down to BP @ 5036' KB. Release BP, reset BP @ 4912'KB. TOOH w/tbg & packer. SWIFN.
DC: \$1,342 CC: \$231,692

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #44-15

Location: SE SE Section 1, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

- 8-19-94 Completion
Cas on vacuum. TIH w/retrieving too, 2-3/8" x 4' sub, HD packer, SN & 160 jts 2-7/8" tbq. Tag sand @ 4950' KB. Circ down to BP @ 5036' KB. Pull up & set packer @ 4926' KB. Made 32 swab runs, recovered 190 bbls fluid, 2 BO, 188 BW, & good gas. Last three runs, fluid level stable @ 2300'. Last 13 runs, oil @ 2%. SWIFN.
DC: \$2,335 CC: \$228,734
- 8-20-94 Completion
CP - 0, TP - 85 psi. Fluid level @ 900'. Made 42 swab runs, recovered 252 bbls fluid. First run 80% oil, last 5 runs 50% oil w/good gas. Last 3 runs fluid level stable @ 2800', 80 BO, 172 BW & good gas. SWIFN.
DC: \$1,616 CC: \$230,350
- 8-22-94 Completion
CP 0 psi, TP 60 psi. Fluid level @ 500' on 1st run. Made 10 swab runs, swabbed back 60 bbls of fluid. 34 BO, 26 BW, good gas, & no sand. Release packer, tag sand @ 5015' KB. Circ down to BP @ 5036' KB. Release BP, reset BP @ 4912' KB. TOOH w/tbq & packer. SWIFN.
DC: \$1,342 CC: \$231,692
- 8-23-94 Completion
RU Cutter Wireline to perforate 4677'-80' (3 holes), 4682'-84' (2 holes), 4839'-44' (8 holes), & 4846'-48' (2 holes). RD Cutter. TIH w/retrieving head, 2-3/8" x 4' sub, HD packer, SN & 150 jts 2-7/8" tbq. Left packer unset @ 4646' KB, EOT @ 4660' KB. SWIFD.
DC: \$2,037 CC: \$233,729

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #44-1J

Location: SE SE Section 1, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

- 8-19-94 Completion
Cas on vacuum. TIH w/retrieving too, 2-3/8" x 4' sub, HD packer, SN & 160 jts 2-7/8" tbg. Tag sand @ 4950' KB. Circ down to BP @ 5036' KB. Pull up & set packer @ 4926' KB. Made 32 swab runs, recovered 190 bbls fluid, 2 BO, 188 BW, & good gas. Last three runs, fluid level stable @ 2300'. Last 13 runs, oil @ 2%. SWIFN.
DC: \$2,335 CC: \$228,734
- 8-20-94 Completion
CP - 0, TP - 85 psi. Fluid level @ 900'. Made 42 swab runs, recovered 252 bbls fluid. First run 80% oil, last 5 runs 50% oil w/good gas. Last 3 runs fluid level stable @ 2800', 80 BO, 172 BW & good gas. SWIFN.
DC: \$1,616 CC: \$230,350
- 8-22-94 Completion
CP 0 psi, TP 60 psi. Fluid level @ 500' on 1st run. Made 10 swab runs, swabbed back 60 bbls of fluid. 34 BO, 26 BW, good gas, & no sand. Release packer, tag sand @ 5015' KB. Circ down to BP @ 5036' KB. Release BP, reset BP @ 4912' KB. TOOH w/tbg & packer. SWIFN.
DC: \$1,342 CC: \$231,692
- 8-23-94 Completion
RU Cutter Wireline to perforate 4677'-80' (3 holes), 4682'-84' (2 holes), 4839'-44' (8 holes), & 4846'-48' (2 holes). RD Cutter. TIH w/retrieving head, 2-3/8" x 4' sub, HD packer, SN & 150 jts 2-7/8" tbg. Left packer unset @ 4646' KB, EOT @ 4660' KB. SWIFD.
DC: \$2,037 CC: \$233,729
- 8-24-94 Completion
BP @ 4912', packer @ 4646', EOT @ 4660'. RU Western to do KCL break down on 4677'-4684' & 4839'-4848' w/2,730 gals 2% KCL wtr. ATP 3200 psi, max 4700 psi. ATR 5.5 bpm, max 7.5 bpm. ISIP 1100. Pump 2 balls/bbl. Release packer, TOOH w/tbg & packer. RU Western to frac 4677'-4684' & 4839'-4848' w/43,300# 16/30 w/9660 gals 2% KCL gelled wtr. ATP 2640 psi, max 2960 psi. ATR 29.5 bpm, max 29.5 bpm. ISIP 2050, 5 min 1540 psi, 10 min 1400 psi, 15 min 1300 psi. SWI after 30 min controlled flow back after frac. Load to recover 442 BW.
DC: \$24,785 CC: \$258,514

DAILY OPERATING REPORTBALCROON MONUMENT FEDERAL #44-1J

Location: SE SE Section 1, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

8-25-94 Completion

Csg on slight vacuum. TIH w/retrieving tool, 2-3/8" x 4' sub, HD packer, SN & 148 jts 2-7/8" tbg. Tag sand @ 4581'KB. Circ down to BP @ 4912'KB. Pull up & set packer @ 4646'KB. Made 26 swab runs, recovered 156 bbls of fluid. Last 5 runs 20% oil, good gas. 9 BO, 147 BW, good gas, no sand last 6 runs. Release packer, tag sand @ 4860'KB, circ down to BP @ 4912'KB. Release BP & TOOH w/tbg & tools. SWIFN.

DC: \$1,987

CC: \$260,501

8-26-94 Completion

TIH w/tbg production string as follows:

	<u>LENGTH</u>	<u>DEPTH KB</u>
1 jt 2-7/8" EUE J-55 8RD 6.5#	31.10'	5061.42'
1 Perf Sub 2-7/8" x 4'	4.20'	5030.32'
1 Seat Nipple	1.10'	5026.12'
12 jts 2-7/8" EUE J-55 8RD 6.5#	372.81'	5025.02'
1 Tbg Anchor 2-7/8" x 5-1/2"	2.35'	4652.21'
150 jts 2-7/8" EUE J-55 8RD 6.5#	4639.86'	4649.86'
KB	10.00'	

Landed tbg anchor w/20" tension. NU BOP, ND 5M wellhead, NU 3 M wellhead. TIH w/rod production string as follows:

1 - BHP 2-1/2" x 1-1/2" x 16' RWAC w/pa plunger (Trico #1073)

199 - 3/4" x 25' D-61 plain rods

2 - 3/4" x 8' Ponies

1 - 3/4" x 4' Pony

1 - 1-1/4" x 22' Polish Rod SM

Pressure test BHP & tbg to 1000 psi - OK. Clamp rods off. RDMO.

DC: \$21,982

CC: \$282,483



EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION
1601 Lava Avenue
P.O. Box 21017
Billings, MT 59104-1017

TREATMENT REPORT

Date of Treatment: 8-18-94
Well Name: Monument fed. 44-1 J SEC. 1 TWN. 9.5 RNG. 16E
Field: Monument Butte County: Duchesne State: Utah
Formation/Perforations: Green River / 4971-74, 4977-81, 4987-94

Treatment type: SAND FRAC. Total Number of Holes: 56
Treatment Company: WESTERN

Volume		Fluid	Conc.	Sand Characteristics	
				Size	Volume
	Gal.		BPM	PSI	
	Gal.				
81	3400	Gal. 2% KCL WATER PAD O	30.1	2600	
30	1200	Gal. "	1 # 30.3	2630	16130 #
82	1200	Gal. "	3 # 30.5	2730	16130 #
12	600	Gal. "	5 # 30.4	2690	16130 #
91	3000	Gal. "	6 # 30.3	2190	16130 #
72	2300	Gal. "	7 # 30.0	2150	16130 #
118	4956	Gal. " FLUSH O	30.0	2670	- #
	Gal.				1 #
	Gal.				1 #

TOTAL FLUID PUMPED: 14112 gal. 2% Acid fluid
2% KCL WATER

TOTAL SAND VOL.: 46,840 lbs. 16130 sand
lbs. 1 sand
lbs. 1 sand
lbs. 1 bauxite

Flushed well with _____ gal. of _____
_____ ball sealers were pumped. Was ball action seen? _____
Barrels of Load to Recover 336 BJR.

Avg. Treating Pressure = 2300 psi, max = 2730 psi, min = 2150 psi.
Avg. Treating Rate = 30.1 bpm, max = 30.5 bpm, min = 30.0 bpm.
ISIF = 2280 psi, 5 min. = 1820 psi, 10 min. = 1650 psi, 15 min. = 1560 psi.
Well will be shut in for _____ hrs. before bringing back fluid. 30 MIN. = 1300 PSI

REMARKS: 30 MIN FLOW BACK AT 5 BPM, FOR FORCED CLOSURE



EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION
1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017

TREATMENT REPORT

Date of Treatment: 8-24-94

Well Name Monument Rd. 44-1 J SEC. 1 TWN. 9 S RNG. 16 E
Field Monument Butte County Duchene State Utah

Formation/Perforations: Green River / 4677-80 3 HOLES, 4682-84 2 HOLES,
4839-44 8 HOLES, 4846-48 2 HOLES

Treatment type: KCL BREAK DOWN Total Number of Holes: 15
Treatment Company: WESTERN

Sand Characteristics

Volume	Fluid	Conc.	Size	Volume
Gal.				
Gal.				
Gal.				
Gal.				#
Gal.				#
Gal.				#
Gal.				#
Gal.				#
Gal.				#
Gal.				#
Gal.				#

TOTAL FLUID PUMPED: _____ gal. _____ % _____ Acid
_____ gal. _____ fluid

TOTAL SAND VOL.: _____ lbs. _____ sand
_____ lbs. _____ sand
_____ lbs. _____ sand
_____ lbs. _____ bauxite

Flushed well with _____ gal. of _____
30 ball sealers were pumped. Was ball action seen? yes
Barrels of Load to Recover 6.5 BLR.
Avg. Treating Pressure = 3200 psi, max = 4700 psi, min = _____ psi.
Avg. Treating Rate = 5.5 bpm, max = 7.5 bpm, min = _____ bpm.
ISIP = 1100 psi, 5 min. = _____ psi, 10 min. = _____ psi, 15 min. = _____ psi.
Well will be shut in for _____ hrs. before bringing back fluid.

REMARKS: PUMP 2 BALLS PER BBL.
INITIAL BREAK AT 3190 PSI AT 6 BPM
BACK TO 3000 PSI AT 6.5 BPM Ball off
SUBS. BALLS AT 7.5 BPM AT 2500 PSI

EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION
1001 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017

TREATMENT REPORT

Date of Treatment: 8-24-94

Well Name Monument fed. 44-1 J SEC. 1 TWN. 9 S RNG. 16 E
Field Monument Butte County Duchesne State Utah

Formation/Perforations: Green River / 4677-80 3 HOLES, 4682-84 2 HOLES,
4839-44 2 HOLES, 4846-48 2 HOLES

Treatment type: SAND FRAC Total Number of Holes: 15Treatment Company: WESTERN

Sand Characteristics

Volume	Fluid	Conc.	Size		Volume
	Gal.		BPM	PSI	
<u>2800</u>	Gal. <u>Viking-35th</u>		<u>30</u>	<u>2900</u>	
<u>500</u>	Gal. <u>Red</u>		<u>29.5</u>	<u>3840</u>	
<u>750</u>	Gal.	<u>2th</u>	<u>29.2</u>	<u>3230</u>	<u>1</u> #
<u>1000</u>	Gal.	<u>4th</u>	<u>29.2</u>	<u>2650</u>	<u>1</u> #
<u>2300</u>	Gal.	<u>5th</u>	<u>29.2</u>	<u>2630</u>	<u>1</u> #
<u>2226</u>	Gal.	<u>6th</u>	<u>29.6</u>	<u>2170</u>	<u>1</u> #
<u>4662</u>	Gal. <u>F. Lush</u>	<u>7th</u>	<u>29.5</u>	<u>3200</u>	<u>1</u> #
	Gal.				<u>1</u> #
	Gal.				<u>1</u> #
	Gal.				<u>1</u> #

TOTAL FLUID PUMPED: _____ gal. _____ % Acid
9660 gal. 290 FCL water fluid

TOTAL SAND VOL.: 43,300 lbs. 16 130 sand
_____ lbs. 1 sand
_____ lbs. 1 sand
_____ lbs. 1 bauxite

Flushed well with _____ gal. of _____
_____ ball sealers were pumped. Was ball action seen? _____
Barrels of Load to Recover 341 BTR.

Avg. Treating Pressure = 2640 psi, max = 2960 psi, min = 2170 psi.
Avg. Treating Rate = 29.5 bpm, max = 29.5 bpm, min = 29.2 bpm.
ISIL = 2050 psi, 5 min. = 1540 psi, 10 min. = 1400 psi, 15 min. = 1300 psi.
Well will be shut in for 16 hrs. before bringing back fluid.

REMARKS: Controlled flow back for 30 min after frac

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #44-1J

Location: SE SE Section 1, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

859' FSL, 338' FEL

PTD: 5900' Formation: Green River

Jonah Unit / Monument Butte Field

Elevations: 5372.1' GL

Contractor: Union Drilling Rig #17, Cannon Well Service

Operator: Balcron/EREC

Spud: 8-5-94 @ 4 p.m.

Casing: 8-5/8", 24#, J-55 @ 261'

5-1/2", 15.5#, J-55 @ 5737.92' KB

Tubing:

12-18/20-93 Start location w/Stubbs. Work on road & location. Shut down.

7-6/11-94 Work on location, shoot pit, & finish location.

7-13-94 Install pit liner.

8-6-94 TD: 260' (260') Day 1

Formation: Uintah

MW air & mist

Present Operation: Drilling surface hole.

MIRU, drill rat hole, drill & set conductor pipe. NU air head.

Drill surface hole.

DC: \$6,932

CC: \$34,837

8-7-94 TD: 647' (387') Day 2

Formation: Uintah

MW air & mist

Present Operation: Work on kelly bushing.

Drill surface hole, blow hole, TOH, RU & run 8-5/8" csg as follows:

Guide Shoe .60'

1 jt 8-5/8", 24# Shoe Jt 44.20'

Insert Float -----

5 jts 8-5/8", 24#, J-55 Csg 208.20'

253.00'

Landing Jt 8.00'

8-5/8" csg set @ 261.00' (3 centralizers)

Cmt by Western w/160 sxs Class "G" w/2% CCL & 1/4#/sx Celoflakes.

3 bbls cmt back to pit. Plug down @ 10 a.m. WOC, install surface

head, NU BOP & test BOP & manifold to 2000#, test csg to 1500# -

OK. TIH & drill cmt, drill hole, & work on kelly bushings.

DC: \$9,366

CC: \$44,203

8-8-94 TD: 2,086' (1,439') Day 3

Formation: Green River

MW air & mist

Repair drive bushings, drill, survey, clean & paint.

DC: \$18,852

CC: \$63,055

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #44-1J

Location: SE SE Section 1, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

8-9-94 TD: 3,301' (1,215') Day 4
Formation: Green River
MW air & mist
Present Operation: Drilling
Drill, survey, BOP, drill, clean & paint on rig.
Rig inspection by Jerry Barnes, BLM.
DC: \$16,806 CC: \$79,861

8-10-94 TD: 4,038' (737') Day 5
Formation: Yellow Zone
MW 8.5 VIS 26
Present Operation: Drilling
Drill, survey, circ & load hole w/fluid. Trip for bit, drill,
survey & work on pump.
DC: \$10,534 CC: \$90,395

8-11-94 TD: 4,628' (590') Day 6
Formation: Red Zone
MW 8.5 VIS 26
Present Operation: Drilling
Drill, survey, clean & paint on rig.
DC: \$9,418 CC: \$99,813

8-12-94 TD: 5,146' (518') Day 7
Formation: Green Zone
MW 8.5 VIS 27
Present Operation: Drilling
Drill, survey, clean & paint on rig.
DC: \$7,938 CC: \$107,751

8-13-94 TD: 5,713' (567') Day 8
Formation: Blue Zone
MW 8.5 VIS 27
Present Operation: Drilling
Drill, clean & paint on rig & survey.
DC: \$9,393 CC: \$117,144

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #44-1J

Location: SE SE Section 1, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

- 8-14-94 TD: 5,750' (37') Day 9
Formation: Green Rive
MW 8.5 VIS 27
Present Operation: RDMO.
Drill, circ for logs, TOH, log well, TIH w/collars & drill pipe.
LD collars & pipe, change pipe rams & BOP. Test BOP to 2000# - OK.
Run 5-1/2" csg as follows:
Guide Shoe .60'
1 jt 5-1/2" 15.5# shoe jt 44.30'
Float Collar 1.00'
132 jt 5-1/2" 15.5# J-55 5683.02'
5728.92'
Landing Jt 9.00'
5-1/2" csg land @ 5737.92'
PBSD @ 5692.02'
Cmt w/Western w/430 sxs Super "G" +47#/sx G 20#/sx POZA + 17#/sx
CSE, 3% salt, 2% gel & 2#/sx Hi-Seal2. Tailw/240 sxs 50-50 POZ +
2% gel, 1/4#/sx Celloseal & 2#/sx Hi-Seal2. Plug down @ 6 a.m.
Circ cmt, ND, set slips, clean mud tank. Release rig @ 10 a.m. 8-
14-94.
DC: \$68,490 CC: \$185,634
- 8-16-94 Completion
Dress up location, set rig anchors, set tanks. MIRU Cannon Well
Service Rig #2. TIH w/4-3/4" bit, 5-1/2" scraper, & 43 jts 2-7/8"
tbg. SWIFN.
DC: \$4,370 CC: \$190,004
- 8-17-94 Completion
Continue in hole w/bit & scraper. Tag PBSD @ 5688' KB. Circ hole
clean w/127 bbls 2% KCL wtr. TOOH w/tbg & tools. RU Cutter
Wireline to run CBL from PBSD to 200' above cmt top @ 535' KB. RU
Cutter to perforate 4971'-74' (4 SPF), 4977'-81' (4 SPF) & 4987'-
94' (4 SPF). RD Cutters. TIH w/5-1/2" RBP, retrieving head, 2-
3/8" x 4' sub, HD packer, SN & 162 jts 2-7/8" tbg. Pull up & lease
packer unset @ 4926' KB, EOT 4940'. SWIFN.
DC: \$6,796 CC: \$196,800
- 8-18-94 Completion
BP set @ 5036' KB, set packer, @ 4926' KB. RU Western to do KCL
break down w/3612 gals 2% KCL wtr. ATP 2500 psi, max 4650 psi. ATR
5.3 bpm, max 6 bpm. ISIP 1650 psi. TOOH w/tbg & packer. RU
Western to frac. 4971'-74', 4977'-81' & 4987'-94' w/46,870# 16/30
mesh sand w/14,112 gals 2% KCL gelled wtr. ATP 2300 psi, max 2730
psi. ATR 30.1 bpm, max 30.5 bpm. ISIP 2280 psi, 5 min 1820 psi,
10 min 1650 psi, 15 min 1560 psi, 30 min 1300 psi. Forced closure.
SWIFN.
DC: \$29,599 CC: \$226,399

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #44-1J

Location: SE SE Section 1, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

- 8-19-94 Completion
Cas on vacuum. TIH w/retrieving too, 2-3/8" x 4' sub, HD packer, SN & 160 jts 2-7/8" tbg. Tag sand @ 4950' KB. Circ down to BP @ 5036' KB. Pull up & set packer @ 4926' KB. Made 32 swab runs, recovered 190 bbls fluid, 2 BO, 188 BW, & good gas. Last three runs, fluid level stable @ 2300'. Last 13 runs, oil @ 2%. SWIFN.
DC: \$2,335 CC: \$228,734
- 8-20-94 Completion
CP - 0, TP - 85 psi. Fluid level @ 900'. Made 42 swab runs, recovered 252 bbls fluid. First run 80% oil, last 5 runs 50% oil w/good gas. Last 3 runs fluid level stable @ 2800', 80 BO, 172 BW & good gas. SWIFN.
DC: \$1,616 CC: \$230,350
- 8-22-94 Completion
CP 0 psi, TP 60 psi. Fluid level @ 500' on 1st run. Made 10 swab runs, swabbed back 60 bbls of fluid. 34 BO, 26 BW, good gas, & no sand. Release packer, tag sand @ 5015' KB. Circ down to BP @ 5036' KB. Release BP, reset BP @ 4912' KB. TOOH w/tbg & packer. SWIFN.
DC: \$1,342 CC: \$231,692
- 8-23-94 Completion
RU Cutter Wireline to perforate 4677'-80' (3 holes), 4682'-84' (2 holes), 4839'-44' (8 holes), & 4846'-48' (2 holes). RD Cutter. TIH w/retrieving head, 2-3/8" x 4' sub, HD packer, SN & 150 jts 2-7/8" tbg. Left packer unset @ 4646' KB, EOT @ 4660' KB. SWIFD.
DC: \$2,037 CC: \$233,729
- 8-24-94 Completion
BP @ 4912', packer @ 4646', EOT @ 4660'. RU Western to do KCL break down on 4677'-4684' & 4839'-4848' w/2,730 gals 2% KCL wtr. ATP 3200 psi, max 4700 psi. ATR 5.5 bpm, max 7.5 bpm. ISIP 1100. Pump 2 balls/bbl. Release packer, TOOH w/tbg & packer. RU Western to frac 4677'-4684' & 4839'-4848' w/43,300# 16/30 w/9660 gals 2% KCL gelled wtr. ATP 2640 psi, max 2960 psi. ATR 29.5 bpm, max 29.5 bpm. ISIP 2050, 5 min 1540 psi, 10 min 1400 psi, 15 min 1300 psi. SWI after 30 min controlled flow back after frac. Load to recover 442 BW.
DC: \$24,785 CC: \$258,514

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #44-1J

Location: SE SE Section 1, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

8-25-94 Completion

Csg on slight vacuum. TIH w/retrieving tool, 2-3/8" x 4' sub, HD packer, SN & 148 jts 2-7/8" tbg. Tag sand @ 4581'KB. Circ down to BP @ 4912'KB. Pull up & set packer @ 4646'KB. Made 26 swab runs, recovered 156 bbls of fluid. Last 5 runs 20% oil, good gas. 9 BO, 147 BW, good gas, no sand last 6 runs. Release packer, tag sand @ 4860'KB, circ down to BP @ 4912'KB. Release BP & TOOH w/tbg & tools. SWIFN.

DC: \$1,987

CC: \$260,501

8-26-94 Completion

TIH w/tbg production string as follows:

	<u>LENGTH</u>	<u>DEPTH KB</u>
1 jt 2-7/8" EUE J-55 8RD 6.5#	31.10'	5061.42'
1 Perf Sub 2-7/8" x 4'	4.20'	5030.32'
1 Seat Nipple	1.10'	5026.12'
12 jts 2-7/8" EUE J-55 8RD 6.5#	372.81'	5025.02'
1 Tbg Anchor 2-7/8" x 5-1/2"	2.35'	4652.21'
150 jts 2-7/8" EUE J-55 8RD 6.5#	4639.86'	4649.86'
KB	10.00'	

Landed tbg anchor w/20" tension. NU BOP, ND 5M wellhead, NU 3 M wellhead. TIH w/rod production string as follows:

1 - BHP 2-1/2" x 1-1/2" x 16' RWAC w/pa plunger (Trico #1073)

199 - 3/4" x 25' D-61 plain rods

2 - 3/4" x 8' Ponies

1 - 3/4" x 4' Pony

1 - 1-1/4" x 22' Polish Rod SM

Pressure test BHP & tbg to 1000 psi - OK. Clamp rods off. RDMO.

DC: \$21,982

CC: \$282,483

OPERATOR Equitable Resources Energy Company,
ADDRESS Balcron Oil Division
P.O. Box 21017
Billings, MT 59104

(3/89)

BALCRON OIL

WELL REPORT

WELL NAME: BALCRON MONUMENT FEDERAL #44-1J
FIELD: Jonah Unit/Monument Butte Field
FEDERAL LEASE NO.: U-44426
LOCATION: SE SE Section 1, T9S, R16E
COUNTY/STATE: Duchesne County, Utah
WORKING INTEREST: 0.7978
PRODUCING FORMATION: Green River
COMPLETION DATE:
INITIAL PRODUCTION:
OIL/GAS PURCHASER:
PRESENT PROD STATUS: Completing
ELEVATIONS-GROUND: 5372'
TOTAL DEPTH: 5750' KB

DATE: 8-24-94/ks

API NO.: 43-013-31415

NET REVENUE INT.:

SPUD DATE: 8-5-94
RIG RELEASE DATE: 8-14-94
OIL GRAVITY:
BHT: 135 Deg F
KB: 5382' (10' KB)
PLUG BACK TD: 5692.02' KB

SURFACE CASING

STRING: 1
SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24 lbs.
LENGTH: 6 jts @ 253.0'
HOLE SIZE: 12-1/4"
DEPTH LANDED: 261' KB
CEMENT DATA: 160 sxs Class "G", 2% CaCl &
1/4#/sx Celoflake
Cemented to Surface

TUBING RECORD

SIZE/GRADE/WT: NA - Completing well
NO. OF JOINTS:
TUBING ANCHOR:
NO. OF JOINTS:
SEATING NIPPLE:
PERF. SUB:
MUD ANCHOR:
TOTAL STRING LENGTH:
SN LANDED AT:

SUCKER ROD RECORD

NA - Completing well

PUMP SIZE: NA - Completing well

STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT SIZE:

LOGS: Dual Laterolog/MSFL/SP/GR, Litho-Density/
Compensated Neutron/GR, Cement Bond Log.

PRODUCTION CASING

STRING: 1
SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 133 jts @ 5728.92'
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5737.92' KB
CEMENT DATA: 430 sx Super G w/3% salt, 2% gel, &
tail w/240 sx 50/50 POZ w/2% gel &
1/4#/sx Celoflakes.
CEMENT TOP AT: 535' KB from CBL

PERFORATION RECORD

4971'-4974' (3')	(4 SPF)	GREEN1
4977'-4981' (4')	(4 SPF)	GREEN1
4987'-4994' (7')	(4 SPF)	GREEN1

PROPOSED ADDITIONAL PERFORATIONS

4677'-4680' (3')	(4 SPF)	RED1
4682'-4684' (2')	(4 SPF)	RED1
4839'-4844' (5')	(4 SPF)	RED5
4846'-4848' (2')	(4 SPF)	RED5

ACID/BREAKDOWN JOBS

4971'-4994' 8-18-94: By Western w/3612 gal 2%
KCl water. ATR 5.3 BPM @ 2500 psi,
max 6 BPM @ 4650 psi. ISIP 1650 psi.

FRAC JOBS

4971'-4994' 8-18-94: By Western w/ 46,870#
16-30 mesh sand w/ 14,112 gal 2% KCl
gelled wtr. ATR 30.1 BPM @ 2300 psi,
max 30.5 BPM @ 2730 psi. ISIP 2280
psi, 5 min - 1820 psi, 10 min - 1650
psi, 15 min - 1560 psi.

BALCRON MONUMENT FEDERAL #44-1J
Jonah Unit/Monument Butte Field
Lease No. U-44426
SE SE Section 1, T9S, R16E
Duchesne County, Utah

BALCRON OIL
8-24-94/ks

Elev. GL @ 5372'
Elev. KB @ 5382' (10' KB)

WELLBORE DIAGRAM

SURFACE CASING

8-5/8", 24#, J-55
Hole Size @ 12-1/4"
Depth Landed @ 261' KB
Cemented w/ 160 sx Class G w/
2% CaCl & 1/4#/sx Celoflakes.
Cemented to Surface

261' KB ---->

PRODUCTION CASING

5-1/2", 15.5#, J-55
Length @ 5728.92'
Hole Size @ 7-7/8"
Depth Landed @ 5737.92' KB
Cemented w/ 430 sx Super G w/3% salt, 2%
gel, tail w/240 sx 50/50 POZ w/2% gel
& 1/4#/sx Celoflakes.
TOC @ 535' KB from CBL

TOC @ 535' KB -->

TUBING

NA - Completing well

SUCKER ROD RECORD

NA - Completing well

PUMP SIZE: NA - Completing well

STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT SIZE:

ACID/BREAKDOWN JOBS

4971'-4994' 8-18-94: By Western w/3612 gal 2%
KCl water. ATR 5.3 BPM @ 2500 psi,
max 6 BPM @ 4650 psi. ISIP 1650 psi.

FRAC JOBS

4971'-4994' 8-18-94: By Western w/ 46,870#
16-30 mesh sand w/ 14,112 gal 2% KCl
gelled wtr. ATR 30.1 BPM @ 2300 psi,
max 30.5 BPM @ 2730 psi. ISIP 2280
psi, 5 min - 1820 psi, 10 min - 1650
psi, 15 min - 1560 psi.

PERFORATION RECORD

4971'-4974' (3')	(4 SPF)	GREEN1
4977'-4981' (4')	(4 SPF)	GREEN1
4987'-4994' (7')	(4 SPF)	GREEN1

PROPOSED ADDITIONAL PERFORATIONS

4677'-4680' (3')	(4 SPF)	RED1
4682'-4684' (2')	(4 SPF)	RED1
4839'-4844' (5')	(4 SPF)	RED5
4846'-4848' (2')	(4 SPF)	RED5

PBTD @ 5692.02' KB
TD @ 5750' KB

BALCRON MONUMENT FEDERAL #44-1J
Jonah Unit/Monument Butte Field
Lease No. U-44426
SE SE Section 1, T9S, R16E
Duchesne County, Utah

BALCRON OIL
8-24-94/ks

PROPOSED INJECTION WELL COMPLETION DIAGRAM

Elev. GL @ 5372'
Elev. KB @ 5382' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
Hole Size @ 12-1/4"
Depth Landed @ 261' KB
Cemented w/ 160 sx Class G w/
2% CaCl & 1/4#/sx Celoflakes.
Cemented to Surface

PRODUCTION CASING

5-1/2", 15.5#, J-55
Length @ 5728.92'
Hole Size @ 7-7/8"
Depth Landed @ 5737.92' KB
Cemented w/ 430 sx Super G w/3% salt, 2%
gel, tail w/240 sx 50/50 POZ w/2% gel
& 1/4#/sx Celoflakes.
TOC @ 535' KB from CBL

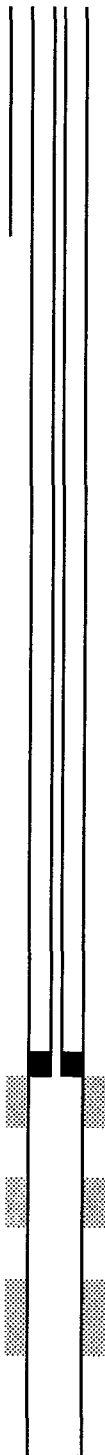
TUBING

2-7/8", 6.5#, J-55
SN @ 2-7/8" x 1.1' (2.25" ID)
SN Landed @ 4606' KB

Retrievable Csg Tension Packer
Model: Arrow Set-1
Landed @ 4610' KB

Proposed Injection Horizons

4677'-4680' (3')	(4 SPF)	RED1
4682'-4684' (2')	(4 SPF)	RED1
4839'-4844' (5')	(4 SPF)	RED5
4846'-4848' (2')	(4 SPF)	RED5
4971'-4974' (3')	(4 SPF)	GREEN1
4977'-4981' (4')	(4 SPF)	GREEN1
4987'-4994' (7')	(4 SPF)	GREEN1



← 261' KB

← TOC @ 535' KB

--- Uintah Formation @ Surface to 1400' ---

--- Green River Formation @ 1400' to 4100' ---

← Retrievable Csg Tension Packer @ 4610' KB

PERFORATION RECORD

4971'-4974' (3')	(4 SPF)	GREEN1
4977'-4981' (4')	(4 SPF)	GREEN1
4987'-4994' (7')	(4 SPF)	GREEN1

PROPOSED ADDITIONAL PERFORATION

4677'-4680' (3')	(4 SPF)	RED1
4682'-4684' (2')	(4 SPF)	RED1
4839'-4844' (5')	(4 SPF)	RED5
4846'-4848' (2')	(4 SPF)	RED5

--- Douglas Creek Member @ 4100' to 5350' ---
PBTD @ 5692.02' KB
TD @ 5750' KB

--- Wasatch Formation Transition @ 5350' to 6000' ---
--- Wasatch Formation @ 6000' ---



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860

FAX: (406) 245-1365 ☐

FAX: (406) 245-1361 ☒

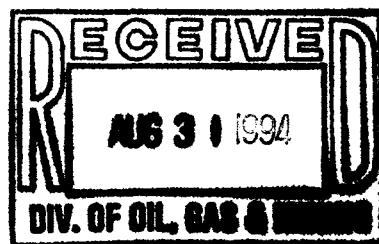
August 30, 1994

-- VIA FEDERAL EXPRESS --

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Dear Mr. Jarvis:

RE: Balcron Monument Federal #44-1J
SE SE Section 1, T9S, R16E
Duchesne County, Utah



Attached is an Application for Injection Well (UIC Form 1) and the UIC Permit Application for the referenced well. This well will be perforated and fracture stimulated in the Green River formation. The well will be set up for oil production and will be produced to evaluate the production potential prior to conversion to injection.

Please include this attachment with the data previously submitted to your office for approval regarding our Jonah Unit Waterflood operations.

This well falls within the initial area of review investigated under Balcron's Jonah Unit Waterflood proposal submitted April 5, 1994 (Cause #UIC-151). The completion work (perforating, fracturing, running of injection packer, etc.) will be performed within the next month and you will be contacted when this work is completed in order to set up a date to witness the MIT prior to commencement of injection operations. As outlined in the data previously sent, injection volumes will only be limited by the maximum injection pressure calculated from step-rate tests; however, actual volumes will only be in the 100-250 BWPD range and injection pressures are anticipated to be below the maximum permitted pressure.

We will be sending notice of this application to all operators, owners, and surface owners within a one-half mile radius of the proposed injection well. We will forward a copy of that notice along with our Affidavit certifying that they were sent as soon as it has been done.

Mr. Dan Jarvis
Page 2
August 30, 1994

If you have any questions or need additional data, please contact John Zellitti at (406) 259-7860.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

Attachments

cc: Bureau of Land Management (Salt Lake City office)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017, Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE SE Section 1, T9S, R16E
338' FSL, 859' FEL

5. Lease Designation and Serial No.

U-44426

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcron Monument Fed. #44-LJ

9. API Well No.

43-013-31415

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

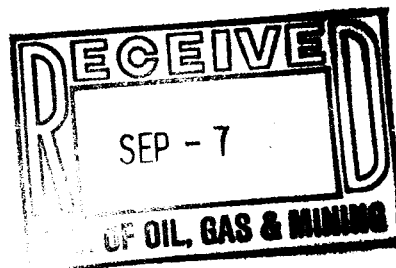
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Report of First Production

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

First production on this well was on 9-3-94 at 10 a.m.



14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman

Title

Regulatory and
Environmental Specialist

Date 9-6-94

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

September 12, 1994

SEP 13 1994

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

BALCRON MONUMENT FEDERAL 94-1J
SEC 1 T9S R16E
43-013-31415

Gentlemen:

Enclosed are Notices of Intent to convert the seventeen wells on the enclosed list to water injection.

If you have any questions or need additional information, please let me know.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

Enclosures

cc: Dan Jarvis, Utah Division of Oil, Gas and Mining

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
See attached listing
6. If Indian, Allottee or Tribe Name
n/a

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
Jonah Unit

8. Well Name and No.
See attached listing

9. API Well No.
See attached listing

10. Field and Pool, or Exploratory Area

Monument Butte/Green River
11. County or Parish, State

Duchesne County, UTAH

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other
2. Name of Operator
Equitable Resources Energy Company, Balcron Oil Division
3. Address and Telephone No.
P.O. Box 21017; Billings, MT 59104 (406) 259-7860
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
See attached listing

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input checked="" type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator intends to convert the wells on the attached listing to water injection in accordance with the attached injection well completion diagrams. Water will be injected at a rate of 5-6 STBWD per foot of pay (average 180-200 STBWD). The proposed conversion and water injection will commence as soon as Utah State UIC permits are approved.

14. I hereby certify that the foregoing is true and correct
Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 9-12-94
(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:

WELL NAME	FIELD	QTR/QTR	SEC.	TWP.	RANGE	COUNTY	ZONE	LEASE NO.	API NUMBER	FOOTAGES	UNIT
Balcron Monument Fed. #32-15	Monument Butte	SW NE	15	9S	16E	Duchesne	Green River	U-017985	43-013-31368	1868' FNL, 1993' FEL	Jonah
Balcron Monument Fed. #23-15	Monument Butte	NE SW	15	9S	16E	Duchesne	Green River	U-017985	43-013-31373	1724' FSL, 2078' FWL	Jonah
Balcron Monument Fed. #41-15	Monument Butte	NE NE	15	9S	16E	Duchesne	Green River	U-017985	43-013-31367	460' FNL, 500' FEL	Jonah
Balcron Monument Fed. #34-10J	Monument Butte	SW SE	10	9S	16E	Duchesne	Green River	U-017985	43-013-31416	592' FSL, 1979.2' FEL	Jonah
Balcron Monument Fed. #32-12J	Monument Butte	SW NE	12	9S	16E	Duchesne	Green River	U-035521	43-013-31419	1804.8' FNL, 2138.6' FEL	Jonah
C&O Gov't #4	Monument Butte	NE SW	12	9S	16E	Duchesne	Green River	U-035521-A	43-013-30742	2140' FSL, 1820' FWL	Jonah
Balcron Monument Fed. #14-12J	Monument Butte	SW SW	12	9S	16E	Duchesne	Green River	U-035521-A	43-013-31411	660' FSL, 660' FWL	Jonah
Balcron Monument Fed. #14-11	Monument Butte	SW SW	11	9S	16E	Duchesne	Green River	U-096547	43-013-31374	1048' FSL, 446' FWL	Jonah
Balcron Monument Fed. #21-14J	Monument Butte	NE NW	14	9S	16E	Duchesne	Green River	U-096547	43-013-31421	517.8' FNL, 1850.2' FWL	Jonah
Balcron Monument Fed. #12-11J	Monument Butte	SW NW	11	9S	16E	Duchesne	Green River	U-096550	43-013-31417	2128' FNL, 689' FWL	Jonah
Balcron Monument Fed. #43-11J	Monument Butte	NE SE	11	9S	16E	Duchesne	Green River	U-096550	43-013-31002	2126.9' FSL, 692.8' FEL	Jonah
Walton Federal #34-11	Monument Butte	SW SE	11	9S	16E	Duchesne	Green River	U-096550	43-013-31003	537' FSL, 2092' FEL	Jonah
Balcron Monument Fed. #23-11	Monument Butte	NE SW	11	9S	16E	Duchesne	Green River	U-096550	43-013-31369	1787' FSL, 2147' FWL	Jonah
Balcron Monument Fed. #32-11	Monument Butte	SW NE	11	9S	16E	Duchesne	Green River	U-096550	43-013-31386	2059' FNL, 1763' FEL	Jonah
Balcron Monument Fed. #41-14J	Monument Butte	NE NE	14	9S	16E	Duchesne	Green River	U-096550	43-013-31408	363.3' FNL, 600' FEL	Jonah
Balcron Monument Fed. #12-12J	Monument Butte	SW NW	12	9S	16E	Duchesne	Green River	U-096550	43-013-31410	738.6' FNL, 648.2' FWL	Jonah
Balcron Monument Fed. #44-1J	Monument Butte	SE SE	1	9S	16E	Duchesne	Green River	U-44426	43-013-31415	859' FSL, 338' FEL	Jonah

BALCRON MONUMENT FEDERAL #44-1J
Jonah Unit/Monument Butte Field
Lease No. U-44426
SE SE Section 1, T9S, R16E
Duchesne County, Utah

BALCRON OIL
8-24-94/ks

PROPOSED INJECTION WELL COMPLETION DIAGRAM

Elev. GL @ 5372'
Elev. KB @ 5382' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
Hole Size @ 12-1/4"
Depth Landed @ 261' KB
Cemented w/ 160 sx Class G w/
2% CaCl & 1/4#/sx Celoflakes.
Cemented to Surface

PRODUCTION CASING

5-1/2", 15.5#, J-55
Length @ 5728.92'
Hole Size @ 7-7/8"
Depth Landed @ 5737.92' KB
Cemented w/ 430 sx Super G w/3% salt, 2%
gel, tail w/240 sx 50/50 POZ w/2% gel
& 1/4#/sx Celoflakes.
TOC @ 535' KB from CBL

TUBING

2-7/8", 6.5#, J-55
SN @ 2-7/8" x 1.1' (2.25" ID)
SN Landed @ 4606' KB

Retrievable Csg Tension Packer
Model: Arrow Set-1
Landed @ 4610' KB

Proposed Injection Horizons

4677'-4680' (3')	(4 SPF)	RED1
4682'-4684' (2')	(4 SPF)	RED1
4839'-4844' (5')	(4 SPF)	RED5
4846'-4848' (2')	(4 SPF)	RED5
4971'-4974' (3')	(4 SPF)	GREEN1
4977'-4981' (4')	(4 SPF)	GREEN1
4987'-4994' (7')	(4 SPF)	GREEN1

PERFORATION RECORD

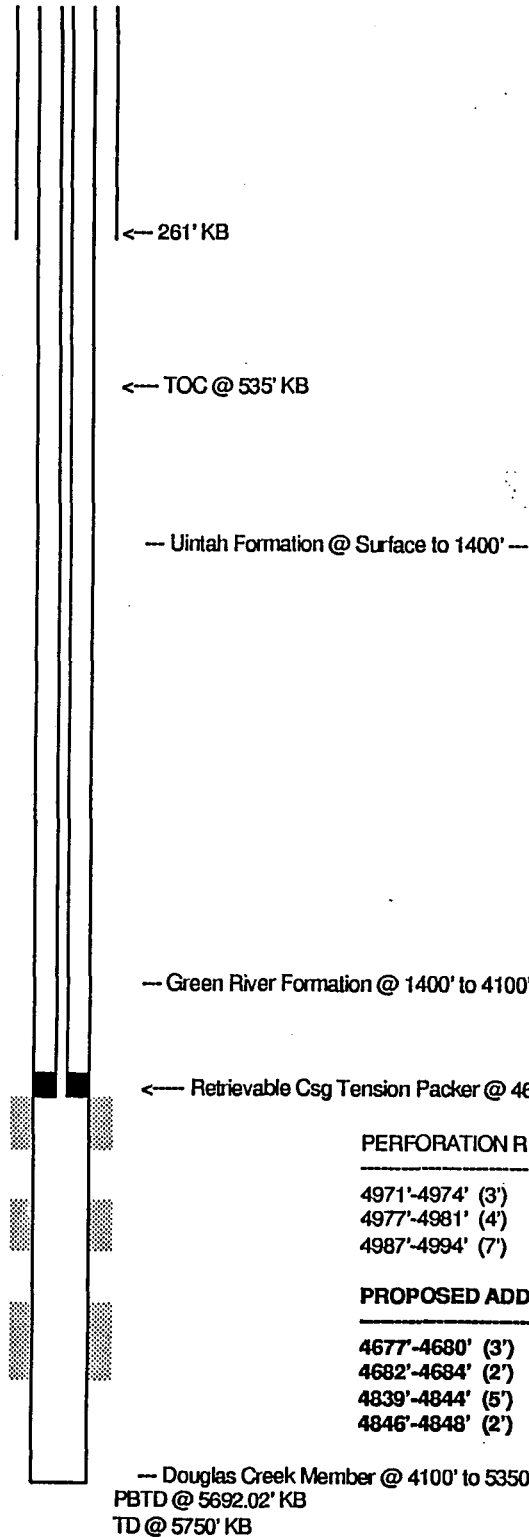
4971'-4974' (3')	(4 SPF)	GREEN1
4977'-4981' (4')	(4 SPF)	GREEN1
4987'-4994' (7')	(4 SPF)	GREEN1

PROPOSED ADDITIONAL PERFORATION

4677'-4680' (3')	(4 SPF)	RED1
4682'-4684' (2')	(4 SPF)	RED1
4839'-4844' (5')	(4 SPF)	RED5
4846'-4848' (2')	(4 SPF)	RED5

-- Douglas Creek Member @ 4100' to 5350' --
PBSD @ 5692.02' KB
TD @ 5750' KB

-- Wasatch Formation Transition @ 5350' to 6000' --
-- Wasatch Formation @ 6000' --





EQUITABLE **RESOURCES**
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☐

AFFIDAVIT

COUNTY OF YELLOWSTONE)

STATE OF MONTANA)

D. Gary Kabeary, Senior Landman for Equitable Resources Energy Company, Balcron Oil Division, being first duly sworn on oath, deposes and says that on the 31st day of August 1994, he did cause to be mailed to all operators, owners and surface owners within a one-half mile radius of the proposed injection wells listed below, a copy of the State Application for Injection Well (UIC Form 1).

Balcron Monument Federal #44-1J SESE of 1, T9S-R16E

Duchesne County, Utah


Further affiant saith not.


D. Gary Kabeary

Subscribed and sworn to before me on this 31st day of
August, 1994.

My Commission Expires:

11-18-94


Lynda Wilson
Residing in Billings, MT 59105

S E A L

STATE OF UTAH
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

INJECTION WELL - PRESSURE TEST

Test Date: <u>5/25/95</u>	Well Owner/Operator: <u>Equitable</u>
Disposal Well: _____	Enhanced Recovery Well: <u>X</u> Other: _____
API No.: <u>43-43-31415</u>	Well Name/Number: <u>44-1J</u>
Section: <u>1</u>	Township: <u>9S</u> Range: <u>17E</u>

Initial Conditions:

Tubing - Rate: 0 Pressure: 1250 psi

Casing/Tubing Annulus - Pressure: 1000 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1000</u>	_____
5	<u>1000</u>	_____
10	<u>1000</u>	_____
15	<u>1000</u>	_____
20	<u>1000</u>	_____
25	<u>1000</u>	_____
30	<u>1000</u>	_____

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 1250 psi

Casing/Tubing Annulus Pressure: 0 psi

REMARKS:

Well had been pressured to 1000 psi 3 hrs
prior to arrival. Pressure had remained at 1000 psi
Well taken down backside - New conversion.

[Signature]
Operator Representative

[Signature]
DOGMA Witness

EQUIPMENT INVENTORY
UTAH DIVISION OF OIL, GAS AND MINING
STATE OF UTAH

Operator: EQUITABLE RESOURCES Lease: State: Federal: Y Indian: Fee:

Well Name: BALCRON MONUMENT FEDERAL #44-1J API Number: 43-013-31415

Section: 1 Township: 9S Range: 16E County: DUGESNE Field: MONUMENT BUTTE

Well Status: POW Well Type: Oil: YES Gas:

PRODUCTION LEASE EQUIPMENT: (NUMBER)

Boiler(s): N Compressor(s): N Separator(s): N Dehydrator(s): N

Shed(s): N Line Heater(s): N Heated Separator(s): N VRU: N

Heater Treater(s):

PUMPS:

Triplex: Chemical: N Centrifugal: YES

LIFT METHOD:

Pumpjack: Y Hydraulic: Submersible: Flowing:

GAS EQUIPMENT: (NUMBER)

Purchase Meter: N Sales Meter: N

TANKS:

NUMBER

SIZE

Oil Storage Tank(s): YES 2-400 OIL W/BURNER BBLS

Water Tank(s): NO BBLS

Power Water Tank: N BBLS

Condensate Tank(s): N BBLS

Propane Tank: N

Central Battery Location: (IF APPLICABLE)

Qtr/Qtr: Section: Township: Range:

REMARKS: NO METERING ON LEASE. EQUIPMENT IS RUNING ON CASING GAS WITH 1"

PLASTIC GAS LINE LEASVING LEASE -- IS PROBABLY RESIDUE GAS. GLYCOL PUMP.

Inspector: DENNIS L. INGRAM Date: 2/1/95

EQUITABLE RESOURCES ENERGY CO

U-44426

BMF # 44-1J

43-013-31415

sec 1 ; T9S ; R16E

GPS 580150E

POW

4433976N

2/1/95

Denms Jgre

↑ NORTH

1" Reserve Line

Dirt
Pile

Reserve
Pit

Pump
Jack

WELL HEAD

Flowline

LEASE
DRAWING

2"
DRAIN
LINES

2-400 oil

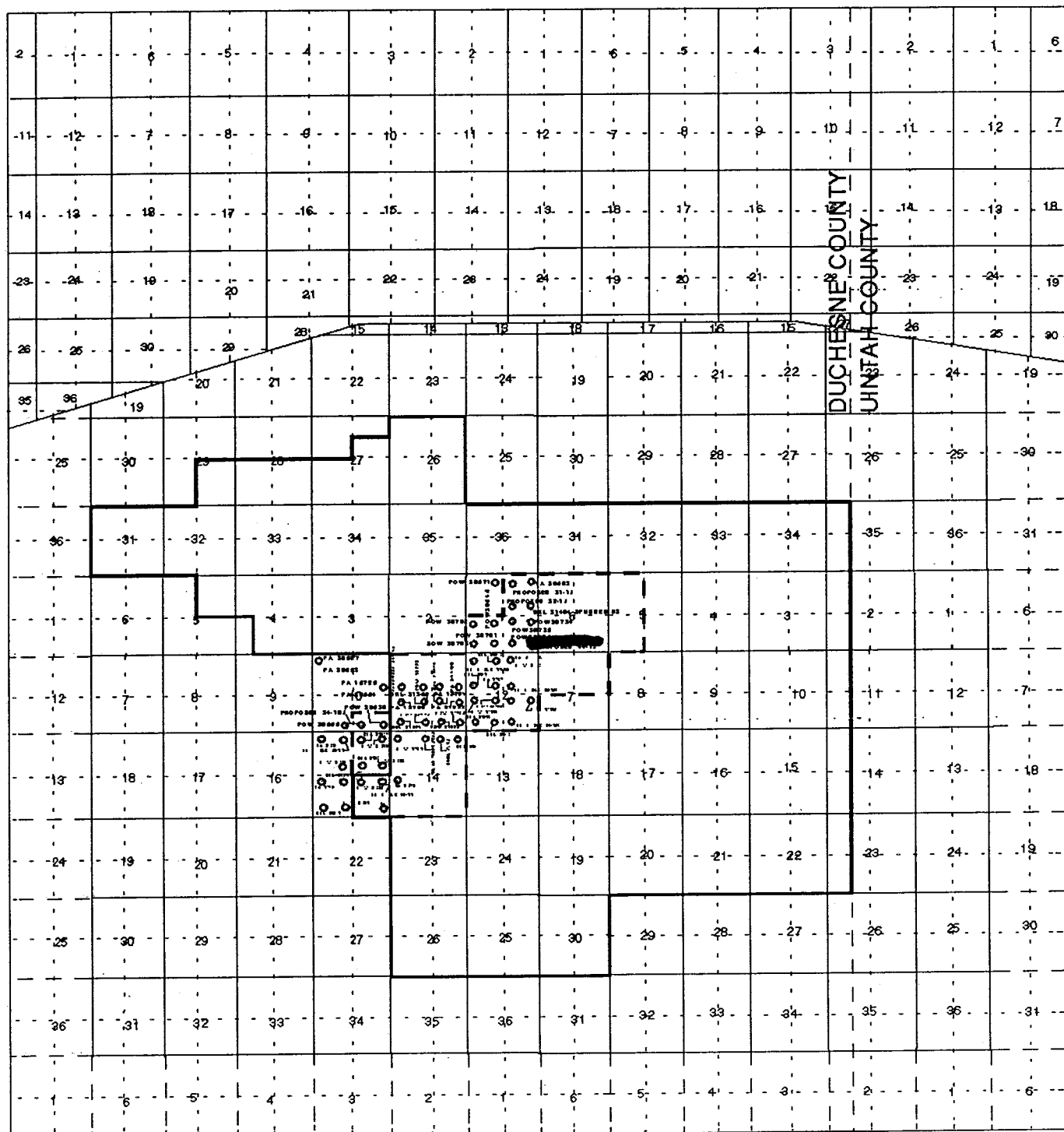
Permed
AREA

Burners

MONUMENT BUTTE

T 1 W

R 1 E



T 4 S

T 8 S

T 9 S

R 16 E

R 17 E

DUCHESE COUNTY

FIELD 105 ACTIVE

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM**

**PERMIT
DECISION DOCUMENT**

Applicant: Balcron Oil **Location:** Jonah Unit

Wells: Federal 34-10,12-11,14-11,23-11,32-11,34-11,43-11,
C&O Govt. #4,12-12,14-12,32-12,21-14,41-14,23-15,32-15,
41-15 and 44-1

Ownership Issues: The proposed wells are located in sections 1,10,11,12,14 and 15 township 9 south, range 16 east, Duchesne County, Utah. Surface ownership within the 1/2 mile area is held by the BLM and the State of Utah. All of the wells are located on Federal land. Mineral interests are held by private individuals, the State of Utah, and the federal government. Balcron Oil has submitted an affidavit stating that a copy of UIC form 1 was sent as notice to all surface owners and operators within a 1/2 mile radius of each of the proposed injection wells.

Well Integrity: The seventeen wells proposed for conversion to injection all have surface casing set at approximately 300 feet \pm 30 feet, and were all cemented to surface. Production casing was set at a depth of approximately 5600 feet - 5800 feet, and were all cemented above the injection zone. Cement bond logs are on file with the Division and verify reported cement tops. The interval from 4590-5614 feet (Green River Formation) has been perforated for water injection. A 2 7/8 inch tubing with a packer will be set above the perforations for injection of water. There are 27 producing wells, 17 injection wells and 5 plugged and abandoned wells in the 1/2 mile area of review. All wells in the AOR have sufficient cement behind the production string and have adequate surface casing to prevent migration of fluid up the hole. At the time of conversion the casing will be pressure tested. Casing/tubing annulus pressure will be monitored on a daily basis and reported on a monthly basis thereafter. Additional casing pressure tests shall be run every five years or whenever the tubing and packer assemblies are pulled for workover purposes.

Ground Water Protection: The base of moderately saline water in the area of the project is at a depth of approximately 300-500 feet. Each of the injection wells and offset producing wells have adequate surface casing and sufficient cement on the production casing to protect fresh water. The submitted fracture pressure for the field is .861 psi/ft resulting in a maximum allowed surface pressure of 2000 psi. Injection pressures for each of the injectors will be maintained below the fracture pressure so as not to initiate fractures in the overlying strata. The confining intervals above and below the injection zone consists of tight shales, siltstones and limestones of the Green River Formation. Water analysis indicate that the TDS of injection zone is greater than 10,000 TDS.

Oil/Gas & Other Mineral Resources Protection: Balcron is the operator of the Jonah Unit. A unit agreement was previously formed, correlative rights issues were addressed before the Board of Oil, Gas and Mining when the matter was heard.

Bonding: Balcron is the operator of all wells within the project and is bonded by the Federal Government.

Actions Taken and Further Approvals Needed: These applications are for wells in an existing waterflood unit, previously supplied data and information along with newly submitted data supports a decision to approve the wells for conversion to injection. A public notice has been published in both the Salt Lake Tribune and the Uinta Basin Standard. The applications for the injection wells are technically complete. A casing pressure test needs to be conducted when the well is converted and a casing\tubing pressure test run prior to injection. The casing tubing annulus needs to be pressured to 1000 psi and not 500 psi as stated in the permit. Following the 15 day comment period if no objections are received it is recommended to issue both an approval to convert the wells and an injection permit. There are no special conditions or stipulations and the permit should be granted in accordance with the conditions set forth in the application.

DJJ
Reviewers

09-30-94
Date

143 SOUTH MAIN ST
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145
FED. TAX I.D. # 87-0217663

Newspaper Agency Corporation
The Salt Lake Tribune (NA) DESERET NEWS

6/15/94

CUSTOMER'S
COPY

LEGAL ADVERTISING INVOICE

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	BILLING DATE
DIV OF OIL, GAS & MINING 355 WEST NORTH TEMPLE 3 TRIAD CENTER #350 SLC, UT 84180	LE-5385340	09/13/94
FOR BILLING INFORMATION CALL (801) 237-2822		

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF NOTICE OF AGENCY ACTION CAUSE NO. UIC-152BEFOR FOR DIV OF OIL, GAS & MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

SEP 12 1994

94

ACCOUNT NAME			TELEPHONE
& MINING			801-538-5340
SCHEDULE			AD NUMBER
			98710280
CAPTION			MISC. CHARGES
NOTICE OF AGENCY ACTION CAUSE NO. UIC-152BEFOR			.00
TIMES		RATE	AD CHARGE
2 COLUMN	1	1.64	160.72
ON RECEIPT OF THIS INVOICE		TOTAL AMOUNT DUE	160.72

THANK YOU FOR USING LEGAL ADVERTISING.

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ADV06-NT

ACCOUNT NUMBER	AD NUMBER	BILLING DATE	PAY THIS AMOUNT
LE-5385340	98710280	09/13/94	160.72

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MAKE CHECKS PAYABLE TO:
NEWSPAPER AGENCY CORPORATION

PLEASE REMIT TO:

NEWSPAPER AGENCY CORPORATION
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145-0838

DIV OF OIL, GAS & MINING
355 WEST NORTH TEMPLE
3 TRIAD CENTER #350
SLC, UT 84180

COPY

07 7170676102801 000160726 000160726 000160726

PLEASE REMOVE THIS STUB

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION	:	NOTICE OF AGENCY ACTION
OF EQUITABLE RESOURCES ENERGY	:	
COMPANY FOR ADMINISTRATIVE	:	CAUSE NO. UIC-152
APPROVAL TO CONVERT THE 44-1J, 34-10J,	:	
34-11, 12-11J, 14-11J, 23-11J, 32-11J, 43-11J, 12-12J,	:	
14-12J, 32-12J, C & O GOVERNMENT #4,	:	
21-14J, 41-14J, 23-15J, 32-15J, AND 41-15J WELLS,	:	
LOCATED IN SECTIONS 1, 10, 11, 12, 14, & 15,	:	
TOWNSHIP 9 SOUTH, RANGE 16 EAST, S.L.M.,	:	
DUCHESNE COUNTY, UTAH, TO CLASS II	:	
INJECTION WELLS	:	

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

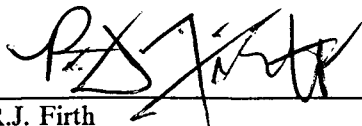
Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company ("Equitable") for administrative approval to convert the 44-1J, 34-10J, 34-11, 12-11J, 14-11J, 23-11J, 32-11J, 43-11J, 12-12J, 14-12J, 32-12J, C & O Government #4, 21-14J, 41-14J, 23-15J, 32-15J, and 41-15J Wells, located in Sections 1, 10, 11, 12, 14 & 15, Township 9 South, Range 16 East, Duchesne County, Utah, to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

Equitable proposes to inject water into the captioned wells in the Green River Formation interval at approximately 4590 - 5614 feet, for the purpose of secondary recovery operations. Equitable is requesting a maximum injection pressure of 2000 psig and estimates the injection volume to be approximately 600 barrels of water per day for each well.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing may be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 1st day of September, 1994.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



R.J. Firth
Associate Director, Oil and Gas

Equitable Resources Energy Company
44-1J, 34-10J, 34-11, 12-11J, 14-11J, 23-11J, 32-11J, 43-11J, 12-12J, 14-12J, 32-12J,
C & O Government #4, 21-14J, 41-14J, 23-15J, 32-15J, and 41-15J Wells
Cause No. UIC-152

Publication Notices were sent to the following:

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110


Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Equitable Resources Energy Company
P.O. Box 21017
Billings, Montana 59104

Dan Jackson
U.S. Environmental Protection Agency
Region VIII
999 18th Street
Denver, Colorado 80202-2466

Ed Bonner
State Lands and Forestry
3 Triad Center, Suite 400
Salt Lake City, Utah 84180-1204



Lisa D. Clement
Administrative Secretary
September 1, 1994



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

September 1, 1994

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-152

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

September 1, 1994

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-152

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:

3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas

SEP 02 2004

Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:		State : UTAH

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: (303) 893-0102
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone:
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

(This space for State use only)

Transfer approved by: *[Signature]*Title: *Perk. Services Manager*Approval Date: *9-20-04*

Comments:

*Note: Indian Country wells will require EPA approval.*RECEIVED
SEP 20 2004

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MININGREPORT OF WATER ENCOUNTERED DURING DRILLING **3**1. Well name and number: Balcron Monument Federal #44-1JAPI number: 43-013-314152. Well Location: QQ SE SE Section 1 Township 9S Range 16E County Duchesne3. Well operator: Equitable Resources Energy Company, Balcron Oil DivisionAddress: P.O. Box 21017Billings, MT 59104Phone: (406) 259-78604. Drilling contractor: Union DrillingAddress: Drawer 40Buckhammon, WY 26201Phone: (304) 472-4610

5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
		No measurable water reported	
		during drilling operations	

6. Formation tops:

Geological Report submitted separately.

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 9-30-94Name & Signature: Molly ConradTitle: Operations Secretary

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U-44426

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
Jonah Unit

8. Well Name and No.
Balcron Monument Federal #44-1J

9. API Well No.
43-013-31415

10. Field and Pool, or Exploratory Area
Monument Butte/Green River

11. County or Parish, State
Duchesne County, Utah

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.
P.O. Box 21017, Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE SE Section 1, T9S, R16E 338' FSL, 859' FEL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Onshore Order #7</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used is the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, Utah. A copy of the State-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary disposal facility, the produced water will be trucked to another State-approved disposal facility. If applicable, Operator has received approved Right-of-Way access to this well location for the Vernal Bureau of Land Management.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

00

14. I hereby certify that the foregoing is true and correct

Signed Molly Conrad Title Operations Secretary Date 9-30-94

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

CONFIDENTIAL

2. NAME OF OPERATOR
Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR
P.O. Box 21017, Billings, MT 59104

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 338' FSL, 859' FEL

At top prod. interval reported below

At total depth

OCT 3

14. PERMIT NO. 43-013-31415
DATE ISSUED 11-22-93

5. LEASE DESIGNATION AND SERIAL NO.

U-44426

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

n/a

7. UNIT AGREEMENT NAME

Jonah Unit

8. FARM OR LEASE NAME

Balcron Monument Federal

9. WELL NO.

#44-1J

10. FIELD AND POOL, OR WILDCAT

Monument Butte/Green River

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

SE SE Section 1, T9S, R16E

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

15. DATE SPUDDED 8-5-94
16. DATE T.D. REACHED 8-14-94
17. DATE COMPL. (Ready to prod.) 9-3-94
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5372.1' GL
19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 5750'
21. PLUG, BACK T.D., MD & TVD 5692.02'
22. IF MULTIPLE COMPL., HOW MANY* n/a
23. INTERVALS DRILLED BY
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
25. WAS DIRECTIONAL SURVEY MADE

4677' - 4994' Green River

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL - MSFL - LDT - CNL - CBL

MUD LOG 8-17-94

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	261'	12-1/4"	160 sacks Class "G" w/additives	None
5-1/2"	15.5#	5737.92'	7-7/8"	430 sacks Super "G" and 240 sacks 50-50 POZ.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
n/a				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5061.42'	n/a

31. PERFORATION RECORD (Interval, size and number)

4971' - 4974' (4 SPF) 4682' - 4682' (2 holes)
4977' - 4981' (4 SPF) 4839' - 4844' (8 holes)
4987' - 4994' (4 SPF) 4846' - 4848' (2 holes)
4677' - 4680' (3 Holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Please see attached.	

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9-3-94		1-1/2" Insert Pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-17-94	24	n/a	→	40	n.m.	0	n.m.
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
n/a	n/a	→	40	n.m.	0	34	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Used for fuel.

TEST WITNESSED BY

Dale Griffin

35. LIST OF ATTACHMENTS

Attachment for Acid, Shot, & Fracture Information.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Molly Conrad

TITLE

Operations Secretary

DATE

9-30-94

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			No DST's Rm.

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Geological Report submitted separately.		



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

October 4, 1994

Equitable Resources Energy Company
Balcron Oil Division
1601 Lewis Avenue
Billings, Montana 59104

Re: Monument Butte Federal 34-10, 12-11, 14-11, 23-11, 32-11, 34-11, 43-11, 12-12, 14-12, 32-12, 21-14, 41-14, 23-15, 32-15, 41-15, ~~44-1~~ and C&O Govt.#4 Wells Located in Sections 1, 10, 11, 12, 14 and 15, Township 9 South, Range 16 East, Duchesne County, Utah

Gentlemen:

In accordance with Utah Admin. Code R.649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells.

The following stipulations shall apply for compliance with this approval:

1. Full compliance with all applicable requirements regarding operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R.649-1 et seq.
2. Conformance with all conditions and requirements of the enclosed Underground Injection Control Permit and the application submitted by Equitable Resources Energy Company.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

R.J. Firth
Associate Director

cc: Dan Jackson, EPA
Bureau of Land Management, Vernal





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-152

Operator: Equitable Resources Energy Company

Wells: Monument Butte Federal 34-10, 12-11, 14-11, 23-11, 32-11, 34-11, 43-11, 12-12, 14-12, 32-12, 21-14, 41-14, 23-15, 32-15, 41-15, 44-1 and C&O Govt.#4

Location: Sections 1, 10, 11, 12, 14 and 15, Township 9 S, Range 16 E, Duchesne County

Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Wells issued on October 4, 1994.
2. Maximum Allowable Injection Pressure: 2000 psig
3. Maximum Allowable Injection Rate: 600 bbls per day/well

Approved by:

R.J. Firth
Associate Director, Oil and Gas

10/4/94

Date

BALCRON MONUMENT FEDERAL #44-1J
Jonah Unit/Monument Butte Field
U-44426
SE SE Section 1, T9S, R16E
Duchesne County, Utah

ACID / BREAKDOWN INFORMATION

4971' - 4994' KB - 8-18-94 by Western w/3612 gallons 2% KCL water.
ATP 2500 psi, max 4650 psi. ATR 5.2 bpm, max 6 bpm. ISIP 1650 psi.

4677' - 4846' KB - 8-24-94 by Western w/2,730 gallons 2% KCL water. ATP 3200 psi,
max 4700 psi. ATR 5.5 bpm, max 7.5 bpm. ISIP 1100 psi. Pump
2 balls/bbl.

FRACTURE INFORMATION

4971' - 4994' KB - 8-18-94 by Western w/46,840# 16/30 mesh sand w/14,112 gallons
2% KCL gelled water. ATP 2300 psi, max 2730 psi. ATR 30.1 bpm,
max 30.5 bpm. ISIP 2280 psi, 5 min 1820 psi, 10 min 1650 psi,
15 min 1560 psi, 30 min 1300.

4677' - 4848' KB - 8-24-94 by Western w/43,300# 16/30 mesh sand w/14,238 gallons
2% KCL gelled water. ATP 2640 psi, max 2960 psi. ATR 29.5 bpm,
max 29.5 bpm. ISIP 2050 psi, 5 min 1540 psi, 10 min 1400 psi,
15 min 1300 psi.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JAN 30 1995
DIV OF OIL GAS & MINING

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

Lease Designation and Serial No.
U-44426

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

6. If Indian, Allottee or Tribe Name
n/a

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other WIW

2. Name of Operator
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.
P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE SE Section 1, T9S, R16E
338' FSL, 859' FEL

7. If Unit or CA, Agreement Designation
Jonah Unit

8. Well Name and No.
Balcron Monument Federal #44-1J

9. API Well No.
43-013-31415

10. Field and Pool, or Exploratory Area
Monument Butte/Green River

11. County or Parish, State
Duchesne County, UT

2. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>installation of lines</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator proposes to install later production water injection lines to this well in accordance with the attached procedure. The route was selected to follow existing roads and lines will be buried in the road right-of-way to minimize surface disturbance and environmental impact.

If new or amended right-of-way authorization is required, please consider this the application for that action.

We are requesting approval to install the lines during February 1995 or as soon as possible in order to complete the project before any construction and/or surface disturbance windows begin.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman
(This space for Federal or State office use)

Regulatory and
Environmental Specialist

Date January 27, 1995

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

JONAH UNIT WATERFLOOD
Attachment To Sundry Notice For
Installing A Lateral Water Injection Line
To The Balcron Monument Federal #44-1J

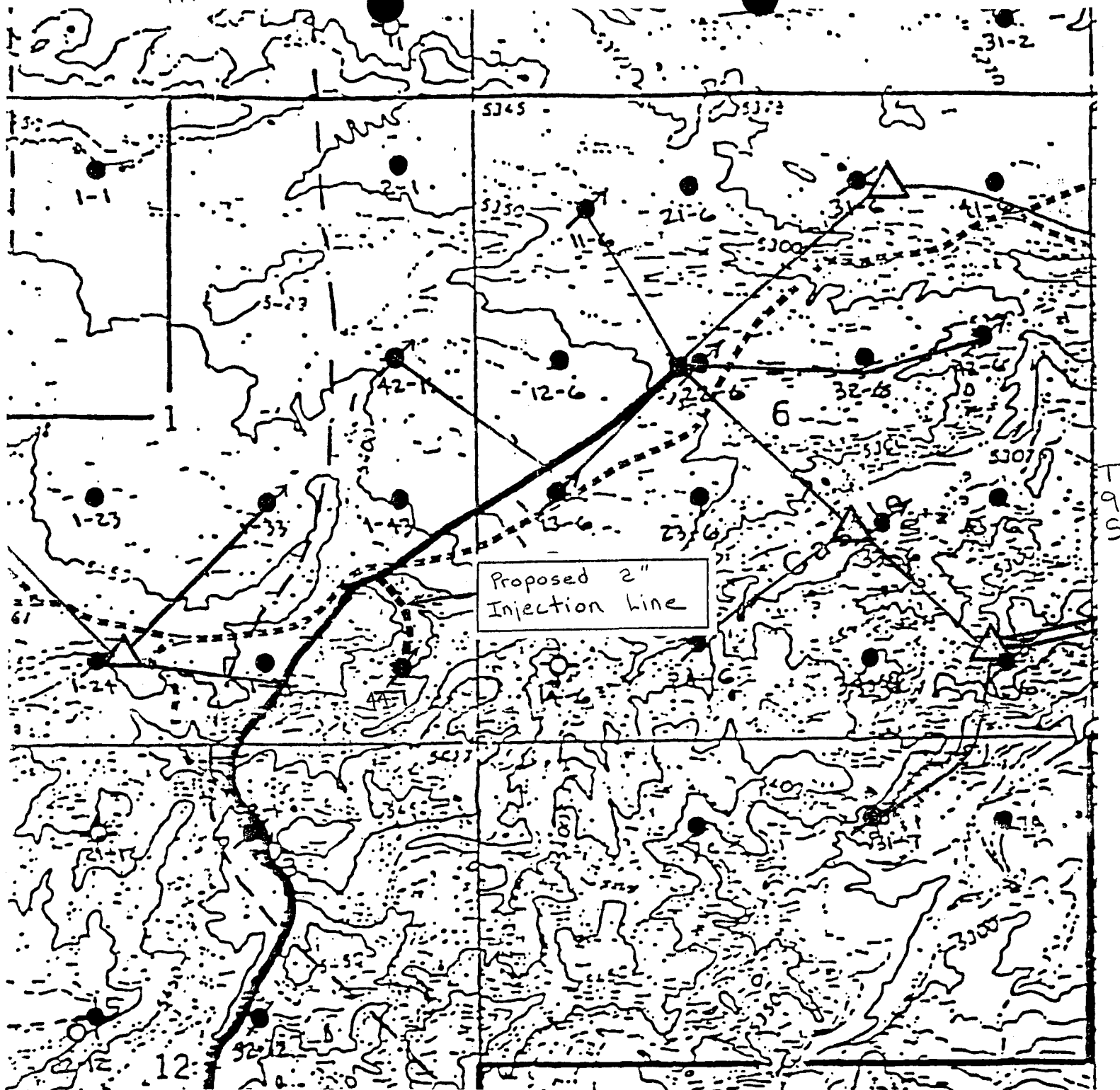
Equitable Resources Energy Company, Balcron Oil Division (Balcron) proposes to convert an additional oil production well to water injection in the existing Jonah Unit waterflood. It is proposed to install a high pressure water injection line to the Balcron Monument Federal #44-1J located in the SE SE Section 1, T9S, R16E, Duchesne County, Utah. The proposed project consists of burying two-inch high pressure steel linepipe from Balcron Oil's existing main water injection line to the wellhead. Refer to the attached topographic map for the exact route of the water injection line. At this time Balcron is applying for approval to install this water injection line under the following conditions:

- 1) The proposed water injection line is approximately 1000 feet in length and will be laid within the boundaries of the Jonah Unit.
- 2) The proposed water injection line route was selected to follow the existing road and will be buried in the road right-of-way to minimize surface disturbance and environmental impact.
- 3) The proposed construction will require a 60-foot right-of-way, 30 feet of road with 15 feet on both sides for surface disturbance. All surface disturbance will be kept to a minimum and the 60-foot right-of-way will be reduced whenever possible.
- 4) The pipeline will be trenched and buried on the edge of the existing road. The spoil pile from the trench will be spread temporarily over the road in order to make room to install the steel water injection line. The spoil will then be returned to the ditch and the road will be returned to its original elevation. This procedure will eliminate using additional ground to pile the trench spoil and will reduce the surface disturbance.
- 5) All right-of-way will be reclaimed, contoured, and seeded according to specific BLM instructions.
- 6) The water injection line will be buried five feet in depth.
- 7) The water injection line will be two-inch high pressure steel schedule 80 linepipe. The pipe will be welded together, primed, wrapped with protective pipe tape, and wrapped with an outer rock shield to protect the linepipe from corrosion.
- 7) The water injection line will be used 365 days per year to transport approximately 200 STB of fresh water per day from Balcron's existing water injection plant to the proposed water injection well.

Balcron Oil would like to install this water injection line during the month of February 1995 or as soon as possible to complete the project before any construction/surface disturbance windows begin.

R16E

R17E



Proposed 2"
Injection Line

- Existing 6" Steel Inj. Line
- Existing 2" steel Inj. Line
- Proposed 2" Steel Inj. Line
to the BMF #44-1J will
be laid in the existing
Road Row due to topography.

Equitable Resources Energy Company
Balcon Oil Division

Jonah Unit Waterflood
Monument Butte Field
Duchesne County, Utah

Balcon Monument Federal #44-1J
Proposed Water Injection Line

1-25-95

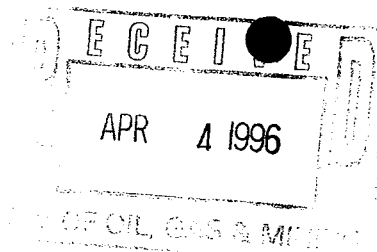
32



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102



Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

April 1, 1996

Mr. Dan Jarvis
Utah Division of Oil, Gas and Mining
UIC Program
355 West North Temple
Salt Lake City, UT 84180

Dear Dan:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a listing of permits which we have with your Agency. This change will apply to those. If you note that I have missed some or if you have any questions, please do not hesitate to give me a call at (406) 259-7860, extension 240 to discuss this.

This change affects only our company name. The physical locations of our offices and the personnel remain the same.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

UTAH UIC PERMITS

Balcron Monument Fed. #23-11	State #UIC-152
Balcron Monument Fed. #14-11	State #UIC-152
Balcron Monument Fed. #12-11	State #UIC-152
Walton Federal #34-11	State #UIC-152
Balcron Monument Fed. #34-10J	State #UIC-152
Balcron Monument Fed. #44-1J	State #UIC-152
Coyote Basin Area Waterflood	
Area Permit No. UT2653-00000 (Approved 2/18/94)	
Coyote Basin Fed. #42-6X	UT2653-03751 (AREA PERMIT UT2653-00000)
East Red Wash Federal #2-5	UT2653-03752 (AREA PERMIT UT2653-00000)
East Red Wash Federal #4-6	UT2653-04224 (AREA PERMIT UT2653-00000)
Amerada Guinand Federal #1	UT2653-04225 (AREA PERMIT UT2653-00000)
Section 2 Waterflood	
Area Permit No. UT2776-00000 (Approved 11/95)	
Balcron Monument State #14-4	UT2776-04275 (State UIC-163)
Balcron Monument State #22-2	UT2776-04276 (State UIC-163)
Pariette Field SWD	
Pariette Bench #4 SWD (UT)	UT2676-02569

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☐ OTHER: See attached listing

2. Name of Operator:
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:
1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well
Footages: See attached listing

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:

See attached listing

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See attached listing

8. Well Name and Number:

See attached listing

9. API Well Number:

See attached listing

10. Field and Pool, or Wildcat:

See attached listing

County: See attached list

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Operator name change</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

APR - 8 1996

13.

Name & Signature:

Bobbie Schuman
Bobbie Schuman

Regulatory and

Title: Environmental Specialist Date: March 27, 1996

(This space for State use only)



**EQUITABLE RESOURCES
ENERGY COMPANY**

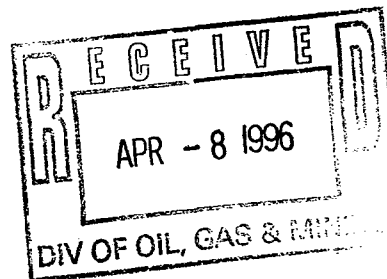
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

March 22, 1996

Utah Division of Oil, Gas and Mining
355 West North Temple
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman
Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

UTAH

Balcron Monument Fed. #32-1J	Monument Butte	SW NE	1	9S	16E	Duchesne	UT	Oil	Green River	U-33992	43-013-31414	2143' FNL, 1987' FEL	Vernal	Jonah
Balcron Monument Fed. #32-25	Undesignated	SW NE	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32524	1980' FNL, 1980' FEL	Vernal	
Balcron Monument Fed. #33-11J	Monument Butte	NW SE	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-31451	1971' FSL, 2032' FEL	Vernal	Jonah
Balcron Monument Fed. #33-25	Undesignated	NW SE	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32525	2097' FSL, 2067' FEL	Vernal	
Balcron Monument Fed. #33-6	Monument Butte	NW SE	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-31361	1832' FSL, 1829' FEL	Vernal	Jonah
Balcron Monument Fed. #33-8	Monument Butte	NW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31427	1980' FSL, 1980' FEL	Vernal	Beluga
Balcron Monument Fed. #34-10J	Monument Butte	SW SE	10	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31416	592' FSL, 1979' FEL	Vernal	Jonah
Balcron Monument Fed. #34-25	Undesignated	SW SE	25	8S	17E	Uintah	UT	PND	Green River	U-67845		800' FSL, 2100' FEL	Vernal	
Balcron Monument Fed. #34-7	Monument Butte	SW SE	7	9S	17E	Duchesne	UT	PND	Green River	UTU-72106	43-013-31426	810' FSL, 1736' FEL	Vernal	
Balcron Monument Fed. #41-12J	Monument Butte	NE NE	12	9S	16E	Duchesne	UT	Oil	Green River	U-44426		395' FNL, 476' FEL	Vernal	Jonah
Balcron Monument Fed. #41-14J	Monument Butte	NE NE	14	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31408	363' FNL, 600' FEL	Vernal	Jonah
Balcron Monument Fed. #41-15	Monument Butte	NE NE	15	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31367	460' FNL, 500' FEL	Vernal	Jonah
Balcron Monument Fed. #41-17	Monument Butte	NE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31466	660' FNL, 660' FEL	Vernal	Beluga
Balcron Monument Fed. #41-26	Monument Butte	NE NE	26	8S	17E	Uintah	UT	PND	Green River	U-67845	43-047-32456	660' FNL, 500' FEL	Vernal	
Balcron Monument Fed. #42-11J	Monument Butte	SE NE	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-30066	1992' FNL, 496' FEL	Vernal	Jonah
Balcron Monument Fed. #42-12J	Monument Butte	SE NE	12	9S	16E	Duchesne	UT	Oil	Green River	U-035521	43-013-31486	2550' FNL, 391' FEL	Vernal	Jonah
Balcron Monument Fed. #42-14J	Monument Butte	SE NE	14	9S	16E	Duchesne	UT	PND	Green River	U-096550	43-013-21491	1882' FNL, 773' FEL	Vernal	Jonah
Balcron Monument Fed. #42-17	Monument Butte	SE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31467	1800' FNL, 700' FEL	Vernal	Beluga
Balcron Monument Fed. #42-18	Monument Butte	SE NE	18	9S	17E	Duchesne	UT	PND	Green River	UTU-72106	43-013-31433	1800' FNL, 800' FEL	Vernal	
Balcron Monument Fed. #42-1J	Monument Butte	SE NE	1	9S	16E	Duchesne	UT	WIW	Green River	U-40652	43-013-31404	2087' FNL, 692' FEL	Vernal	Jonah
Balcron Monument Fed. #42-26	Undesignated	SE NE	26	8S	17E	Uintah	UT	PND	Green River	U-67845		2100' FNL, 660' FEL	Vernal	
Balcron Monument Fed. #42-6	Monument Butte	SE NE	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-31364	1806' FNL, 921' FEL	Vernal	Jonah
Balcron Monument Fed. #43-11J	Monument Butte	NE SE	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31002	2127' FSL, 693' FEL	Vernal	Jonah
Balcron Monument Fed. #43-26	Undesignated	NE SE	26	8S	17E	Uintah	UT	PND	Green River	U-67845		1880' FSL, 379' FEL	Vernal	
Balcron Monument Fed. #43-7	Monument Butte	NE SE	7	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31432	1850' FSL, 850' FEL	Vernal	Beluga
Balcron Monument Fed. #44-1J	Monument Butte	SE SE	1	9S	16E	Duchesne	UT	WIW	Green River	U-44426	43-013-31415	338' FSL, 859' FEL	Vernal	Jonah
Balcron Monument State #12-2	Undesignated	SW NW	2	9S	17E	Duchesne	UT	Oil	Green River	ML-45555	43-013-31481	1980' FNL, 660' FWL		
Balcron Monument State #13-2	Undesignated	NW SW	2	9S	17E	Duchesne	UT	Oil	Green River	ML-45555	43-013-31482	2210' FSL, 604' FWL		
Balcron Monument State #14-2	Undesignated	SW SW	2	9S	17E	Duchesne	UT	Oil	Green River	ML-45555	43-013-31425	513' FSL, 787' FWL		
Balcron Monument State #21-2-9-17	Undesignated	NE NW	2	9S	17E	Uintah	UT	Oil	Green River	ML-45555	43-047-32703	821' FNL, 2187' FWL		
Balcron Monument State #22-2	Undesignated	SE NW	2	9S	17E	Uintah	UT	Oil	Green River	ML-45555	43-047-32610	1980' FNL, 1980' FWL		
Balcron Monument State #23-2	Undesignated	NE SW	2	9S	17E	Uintah	UT	WSW	Green River	ML-45555	43-047-32613	1980' FSL, 1980' FWL		
Balcron Monument State #24-2	Undesignated	SE SW	2	9S	17E	Uintah	UT	Oil	Green River	ML-45555	43-047-32612	660' FSL, 1980' FWL		
Balcron Monument State #32-2	Undesignated	SW NE	2	9S	17E	Uintah	UT	PND	Green River	ML-45555	43-047-32609	1980' FNL, 1980' FEL		
Balcron Monument State #34-2	Undesignated	SW SE	2	9S	17E	Uintah	UT	PND	Green River	ML-45555	43-047-32611	800' FSL, 1980' FEL		

STATE OF UTAH
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
CROSS CREEK	43-037-20117	NAVAJO A #1	41S	26E	5	INJD	Y
CROSS CREEK	43-037-20164	NAVAJO A #3	41S	26E	5	INJI	Y
ENSERCH EXPL	43-013-31240	FEDERAL 43-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31269	FEDERAL 34-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31229	FEDERAL 14-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31225	FEDERAL 14-3	08S	16E	34	INJW	N
ENSERCH EXPL	43-013-31272	FEDERAL 21-4	09S	16E	4	INJW	N
ENSERCH EXPL	43-013-30670	FEDERAL 32-5	09S	16E	5	INJW	N
ENSERCH EXPL	43-013-31205	FEDERAL 41-5	09S	16E	5	INJW	N
ENSERCH EXPL	43-047-32248	1-26B	09S	19E	26	INJG	N
ENSERCH EXPL	43-013-30913	44-5H	09S	17E	5	INJW	N
ENSERCH EXPL	43-013-30678	42-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-31457	22-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-30679	31-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-31049	22-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30682	24-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30887	11-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-31108	33-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30656	13-9H	09S	17E	9	INJW	N
EQUITABLE RE	43-013-31362	FEDERAL 11-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-31361	FEDERAL 33-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-31363	FEDERAL 24-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-31364	FEDERAL 42-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-30919	FEDERAL 22-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-15779	FEDERAL 1-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-30918	FEDERAL 13-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-047-15681	PARIETTE BEN	09S	19E	7	INJD	Y
EQUITABLE RE	43-013-31404	42-1J	09S	16E	1	INJW	Y
EQUITABLE RE	43-013-31415	44-1J	09S	16E	1	INJW	Y
EQUITABLE RE	43-013-30702	FEDERAL 1-13	09S	16E	1	INJW	N
EQUITABLE RE	43-013-30735	FEDERAL 1-33	09S	16E	1	INJW	N
EQUITABLE RE	43-013-30701	1-24	09S	16E	1	INJW	N
EQUITABLE RE	43-013-31384	22-5	09S	16E	5	INJW 17E	Y
EQUITABLE RE	43-013-31416	34-10J	09S	16E	10	INJW	N
EQUITABLE RE	43-013-31002	43-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31369	23-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31417	12-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31386	32-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31003	FEDERAL 34-1	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31374	14-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31410	12-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31411	14-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-30742	GOVT C&O #4	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31419	32-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31408	41-14J	09S	16E	14	INJW	N
EQUITABLE RE	43-013-31421	21-14J	09S	16E	14	INJW	N
EQUITABLE RE	43-013-31367	41-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31373	23-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31368	32-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31375	24-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31370	FEDERAL 13-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31195	ALLEN FEDERA	09S	17E	6	INJW	N
EQUITABLE RE	43-013-31405	31-7J	09S	17E	7	INJW	Y
EQUITABLE	43-013-31492	11-7g	9S	17E	7	INJW	N

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☐ Change of Operator (well sold)

☐ Designation of Agent

☐ Designation of Operator

~~Operator Name Change Only~~

Routing:

1	LEP 7-SJ	✓
2	DES 58-FILE	✓
3	VLD (GIL)	✓
4	RJE	✓
5	IB	✓
6	FLIM	✓

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	(address) <u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
		<u>BILLINGS MT 59102-4126</u>
	phone <u>(406) 259-7860</u>	phone <u>(406) 259-7860</u>
	account no. <u>N9890</u>	account no. <u>N9890</u>

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>013-31415</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). Rec'd 4-4-96 & 4-8-96
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- 1 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ (4-10-96)
- 1 6. Cardex file has been updated for each well listed above. (4-11-96)
- 1 7. Well file labels have been updated for each well listed above. (4-11-96)
- 1 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (4-10-96)
- 1 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- See 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) # 5578314 (\$80,000) Seleo Ins. Co. (Bond Rider In Progress)

- See 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/26/96 DTS 2. Copies of documents have been sent to State Lands for changes involving State leases.
Sent to Ed Bonner - Trust Lands

FILMING

- VDR 1. All attachments to this form have been microfilmed. Date: May 20 1996.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/6/04/10 BLM/BIA "Formal approval not necessary"

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

County:

State:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 1 9 1997

13.

Name & Signature: Chris A. Potter

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date: 9/30/97

This space for State use only)

RECEIVED

OCT 10 1997

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

RECEIVED

OCT 13 1997

Well name and number: See Attached ****JONAH (GREEN RIVER) UNIT**
Field or Unit name: See Attached API no. See Attached
Well location: QQ See Attached section See Attached township See Attached range See Attached county See Attached
Effective Date of Transfer: September 30, 1997

CURRENT OPERATOR

Transfer approved by:

Name David M. McCoskery Company Equitable Resources Energy Co.
Signature [Signature] Address 1601 Lewis Avenue
Title Director of Operations & Engineering Billings, MT 59102
Date 9-30-97 Phone (406) 259-7860

Comments:

NEW OPERATOR

Transfer approved by:

Name Chris A. Potter Company Inland Production Company
Signature [Signature] Address 475 - 17th Street, Suite 1500
Title CHRIS A. POTTER, ATTORNEY-IN-FACT Denver, CO 80202
Date 9-30-97 Phone (303) 292-0900

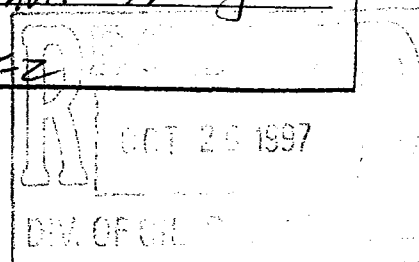
Comments:

(State use only)

Transfer approved by [Signature] Title Executive Manager

Approval Date 1-20-98

CAUSE # 228-2



Injection wells

Injection Wells for Inland Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGREEMENT NO.
✓ AMERADA GUINAND #1	SWNW 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-20245-00	UTU016271V	UTU72085A
✓ COYOTE BASIN #42-6X	SENE 6 8S 25E	UINTA	UT	COYOTE BASIN	43-047-32346-00	UTU017439B	UTU72085A
✓ EAST RED WASH FED. #4-6	SWSE 6 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-20261-00	UTU020309D	UTU72085A
✓ EAST RED WASH #2-5	NWNW 5 8S 25E	UINTA	UT	COYOTE BASIN	43-047-20252-00	UTU063597A	UTU72085A
✓ ALLEN FEDERAL #1	SESE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15779-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #13-6	NWSW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30918-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #22-6	SENE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30919-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #31-6	LOT2 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31195-00	UTU020252A	UTU72086A
✓ MONUMENT BUTTE FED. #11-6	NWNW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31362-00	UTU020252A	UTU72086A
✓ MONUMENT FEDERAL #11-7J	NW NW 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31492-00	UTU44426	UTU72086A
✓ MONUMENT BUTTE #13-5	NWSW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31370-00		UTU72086A
✓ MONUMENT BUTTE #22-5	SENE 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31384-00	UTU020252	UTU72086A
✓ MONUMENT BUTTE #24-5	SESW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31375-00	UTU020252	UTU72086A
✓ MONUMENT BUTTE FED. #24-6	SESW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31363-00	UTU020252A	UTU72086A
✓ MONUMENT BUTTE #31-7	NWNE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31405-00	UTU72106	UTU72086A
✓ MONUMENT BUTTE FED. #33-6	NWSE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31361-00	UTU020252A	UTU72086A
✓ MONUMENT BUTTE FED. #42-6	SENE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31364-00	UTU020252A	UTU72086A
✓ MONUMENT BUTTE FED. #12-11	SWNW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31417-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED. #14-11	SWSW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31374-00	UTU096547	UTU72086A
✓ MONUMENT BUTTE #12-12	SWNW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31410-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE #14-12	SWSW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31411-00		UTU72086A
✓ MONUMENT BUTTE #21-14	NENW 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31421-00		UTU72086A
✓ MONUMENT BUTTE #23-11	NESW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31369-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED. #23-15	NESW 159S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31373-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE #32-11	SWNE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31386-00		UTU72086A
✓ MONUMENT BUTTE #32-12	SWNE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31419-00		UTU72086A
✓ MONUMENT BUTTE #41-14	NENE 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31408-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE #43-11	NESE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31002-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED. #32-15	SWNE 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31368-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE FED. #34-10	SWSE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31416-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE FED. #41-15	NENE 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31367-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE FED. #42-1	SENE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31404-00	UTU40652	UTU72086A
✓ MONUMENT BUTTE FED. #44-1J	SESE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31415-00	UTU44426	UTU72086A
✓ C&O GOVT #4	NESW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30742-00	UTU035521A	UTU72086A
✓ MONUMENT BUTTE FED. #1-13	NWSW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30702-00	UTU18399	UTU72086A
✓ MONUMENT BUTTE FED. #1-33	NWSE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30735-00	UTU52013	UTU72086A
✓ MONUMENT BUTTE #1-24	SESW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30701-00	UTU18399	UTU72086A
✓ WALTON FEDERAL #34-11	SWSE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31003-00	UTU096550	UTU72086A
MONUMENT STATE #11-2-9-17CD	NW NW 2 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-42685	ML 45555	

11422

11426

11438

11431

STATE OF UTAH
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
COASTAL OIL	43-013-30337	G. HANSON #2	02S	03W	4	INJD	Y
COASTAL OIL	43-013-30038	2-23B4 LAKE	02S	04W	23	INJD	Y
COASTAL OIL	43-013-30371	L RUSSELL 2-	02S	04W	32	INJD	Y
COASTAL OIL	43-013-30391	EHRICH 2-11B	02S	05W	11	INJD	Y
COASTAL OIL	43-013-30340	LDS CHURCH #	02S	05W	27	INJD	Y
COASTAL OIL	43-047-31996	NBU 159	09S	21E	35	INJD	Y
COCHRANE RES	43-037-30815	3-23	38S	25E	23	INJW	N
COCHRANE RES	43-037-30690	1-25	38S	25E	25	INJW	N
COCHRANE RES	43-037-31145	4-25	38S	25E	25	INJW	N
COCHRANE RES	43-037-31761	WDW 1	38S	25E	25	INJD	N
COCHRANE RES	43-037-30762	3-26	38S	25E	26	INJW	N
CROSS CREEK	43-037-16269	SOUTH ISMAY	41S	26E	5	INJD	Y
CROSS CREEK	43-037-20117	NAVAJO A #1	41S	26E	5	INJD	Y
CROSS CREEK	43-037-20164	NAVAJO A #3	41S	26E	5	INJI	Y
ENSERCH EXPL	43-013-31229	FEDERAL 14-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31240	FEDERAL 43-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31269	FEDERAL 34-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31225	FEDERAL 14-3	08S	16E	34	INJW	N
ENSERCH EXPL	43-013-31272	FEDERAL 21-4	09S	16E	4	INJW	N
ENSERCH EXPL	43-013-31205	FEDERAL 41-5	09S	16E	5	INJW	N
ENSERCH EXPL	43-013-30670	FEDERAL 32-5	09S	16E	5	INJW	N
ENSERCH EXPL	43-013-30913	44-5H	09S	17E	5	INJW	N
ENSERCH EXPL	43-013-30678	42-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-31457	22-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-30679	31-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-31049	22-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30887	11-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-31108	33-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30682	24-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30656	13-9H	09S	17E	9	INJW	N
EQUITABLE RE	✓43-013-31364	FEDERAL 42-6	09S	17E	6	INJW	Y
EQUITABLE RE	✓43-013-31361	FEDERAL 33-6	09S	17E	6	INJW	Y
EQUITABLE RE	✓43-013-15779	FEDERAL 1-6	09S	17E	6	INJW	Y
EQUITABLE RE	✓43-013-31362	FEDERAL 11-6	09S	17E	6	INJW	Y
EQUITABLE RE	✓43-013-30919	FEDERAL 22-6	09S	17E	6	INJW	Y
EQUITABLE RE	✓43-013-31363	FEDERAL 24-6	09S	17E	6	INJW	Y
EQUITABLE RE	✓43-013-30918	FEDERAL 13-6	09S	17E	6	INJW	Y
EQUITABLE RE	✓43-047-15681	PARIETTE BEN	09S	19E	7	INJD	Y
EQUITABLE RE	✓43-013-30735	FEDERAL 1-33	09S	16E	1	INJW	N
EQUITABLE RE	✓43-013-30702	FEDERAL 1-13	09S	16E	1	INJW	N
EQUITABLE RE	✓43-013-30701	1-24	09S	16E	1	INJW	N
EQUITABLE RE	✓43-013-31404	42-1J	09S	16E	1	INJW	Y
EQUITABLE RE	✓43-013-31415	44-1J	09S	16E	1	INJW	Y
EQUITABLE RE	✓43-013-31416	34-10J	09S	16E	10	INJW	N
EQUITABLE RE	✓43-013-31002	43-11J	09S	16E	11	INJW	N
EQUITABLE RE	✓43-013-31369	23-11J	09S	16E	11	INJW	N
EQUITABLE RE	✓43-013-31417	12-11J	09S	16E	11	INJW	N
EQUITABLE RE	✓43-013-31386	32-11J	09S	16E	11	INJW	N
EQUITABLE RE	✓43-013-31374	14-11J	09S	16E	11	INJW	N
EQUITABLE RE	✓43-013-31003	FEDERAL 34-1	09S	16E	11	INJW	N
EQUITABLE RE	✓43-013-31419	32-12J	09S	16E	12	INJW	N
EQUITABLE RE	✓43-013-31411	14-12J	09S	16E	12	INJW	N
EQUITABLE RE	✓43-013-30742	GOVT C&O #4	09S	16E	12	INJW	N



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

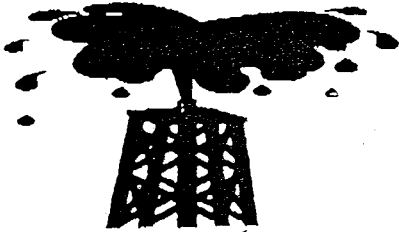
Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: Lisha
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet 2.

NOTE:

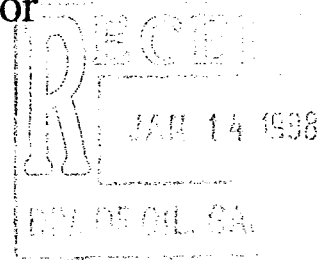
Here is the letter you requested.
Call if you need anything
further.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
UT-931

January 13, 1998

Inland Production Company
475 17th Street, Suite 1500
Denver, Colorado 80202

Re: Jonah (Green River) Unit
Duchesne County, Utah

Gentlemen:

On January 13, 1998, we received an indenture dated November 17, 1997, whereby Equitable Resources Energy Company resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Jonah (Green River) Unit, Duchesne County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective January 13, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Jonah (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Jonah (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)
~~Division of Oil, Gas & Mining~~
Minerals Adjudication Group U-932
File - Jonah (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

U-931:TAThompson:tt:1/13/98

WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM UTU72086A JONAH (GR) SECONDARY RECOVERY UNIT									
UTU72086A	430131511100S1	1	NWSW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430131578000S1	1	NWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430131577900S1	1	SESE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131578900S1	1	SESW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430131579200S1	1	SESE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133070200S1	1-13	NWSW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133070300S1	1-14	SWSW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133064600S1	1-23	NESW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133070100S1	1-24	SESW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133073500S1	1-33	NWSE	1	9S	16E	WIW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133073600S1	1-34	SWSE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133073400S1	1-43	NESE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133136200S1	11-6	L4	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133149200S1	11-7J	NWNW	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133088900S1	12-1	NWNE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133141700S1	12-11J	SWNW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133141000S1	12-12J	SWNW	12	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133061100S1	12-5	SWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058200S1	12-6	SWNW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133149300S1	12-7J	SWNW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430131579000S1	13-11J	NWSW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133137000S1	13-5	NWSW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133091800S1	13-6	NWSW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133137400S1	14-11	SWSW	11	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133141100S1	14-12J	SWSW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430133138500S1	14-5	SWSW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430131511200S1	2	NWSE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430131579300S1	2	NWNE	14	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133060300S1	2-1	L1	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133140600X1	21-12J	NENW	12	9S	16E	ABD	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133142100S1	21-14J	NENW	14	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133142200X1	21-15J	NENW	15	9S	16E	ABD	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133061200S1	21-5	NENW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058400S1	21-6	L3	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579600S2	22-12J	SENW	12	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133063400S1	22-15	SENW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133138400S1	22-5	SENW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133091900S1	22-6	SENW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133136900S1	23-11	NESW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133137300S1	23-15	NESW	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133138300S1	23-5	NESW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133055800S1	23-6	NESW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133140900S1	24-12J	SESW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063100S1	24-15	SESW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133137500S1	24-5	SESW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133136300S1	24-6	SESW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579100S1	3	NWNW	14	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133061300S1	31-15	NWNE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG

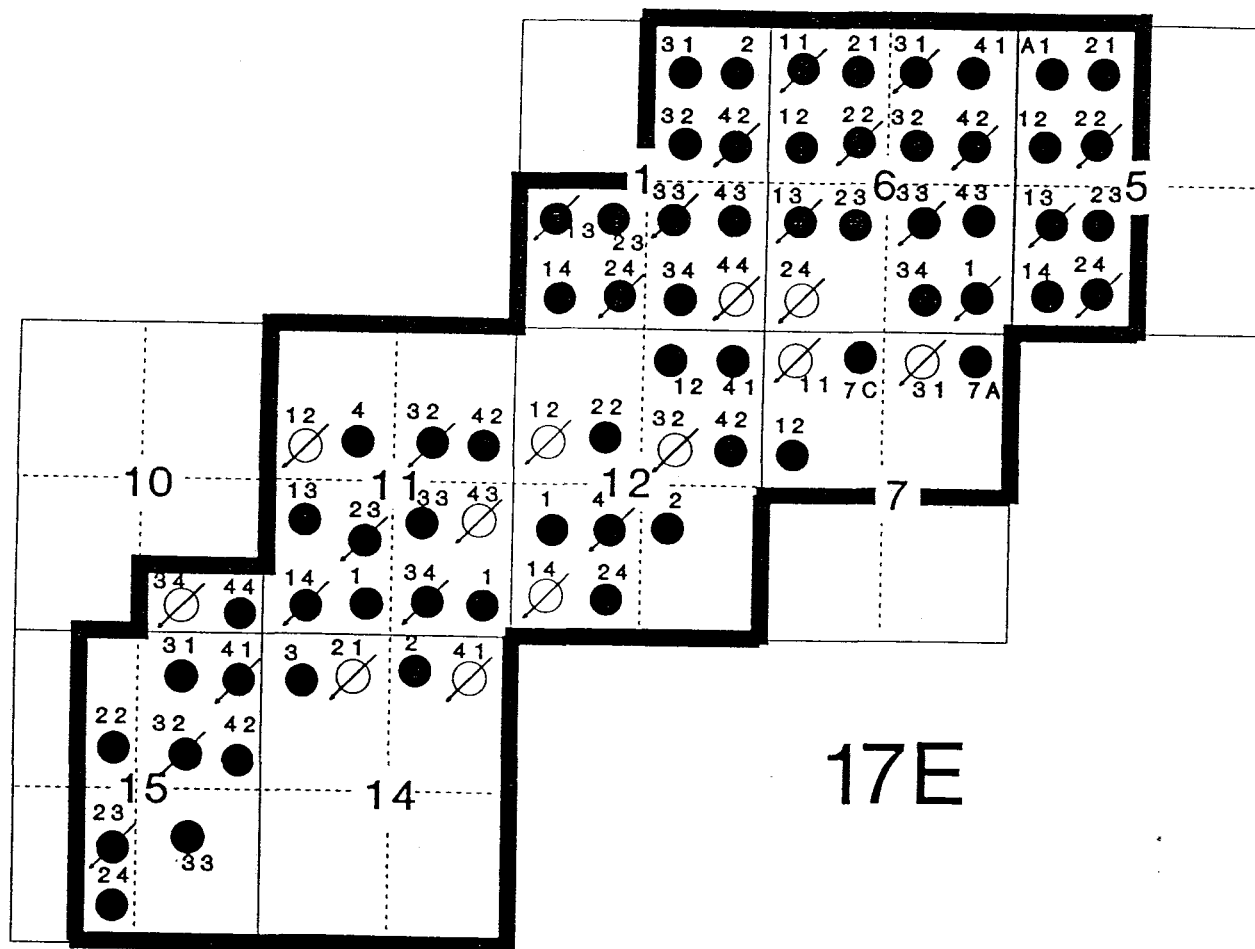
WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
UTU72086A	430133141300S1	31-1J	L2	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133119500S1	31-6	L2	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133140500S1	31-7J	NWNE	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133138600S1	32-11	SWNE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133141900S1	32-12J	SWNE	12	9S	16E	WIW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133136800S1	32-15	SWNE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141400S1	32-1J	SWNE	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133055900S1	32-6	SWNE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133145100S1	33-11J	NWSE	11	9S	16E	OSI	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133063200S1	33-15	NWSE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133136100S1	33-6	NWSE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133141600S1	34-10J	SWSE	10	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133100300S1	34-11	SWSE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058600S1	34-6	SWSE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133074200S1	4	NESW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579500S1	4	SENW	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148700S1	41-12J	NENE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133140800S1	41-14J	NENE	14	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133136700S1	41-15	NENE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133058100S1	41-6	NENE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133006600S1	42-11J	SENE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148600S1	42-12J	SENE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133063300S1	42-15	SENE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133140400S1	42-1J	SENE	1	9S	16E	WIW	UTU40652	EQUITABLE RESOURCES ENERG
UTU72086A	430133136400S1	42-6	SENE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133100200S1	43-11J	NESE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058300S1	43-6	NESE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063000S1	44-10	SESE	10	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141500S1	44-1J	SESE	1	9S	16E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133092600S1	7-A	NENE	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133096100S1	7-C	NENW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG

JONAH (GREEN RIVER) UNIT

DUCHESNE COUNTY, UTAH

EFFECTIVE: JULY 1, 1993



9S

17E

16E

UNIT OUTLINE (UTU72086A)

4,221.61 ACRES

SECONDARY
ALLOCATION
FEDERAL 100.00%

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-IEC	6-VIC
2-CH	7-KAS
3-DTS	8-SIV
4-VLD	9-FIE
5-JRB	

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>EQUITABLE RESOURCES ENERGY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>PO BOX 577</u>
	<u>ROOSEVELT UT 84066</u>		<u>LAUREL MT 59044</u>
			<u>C/O CRAZY MTN O&G SVS</u>
Phone:	<u>(801) 722-5103</u>	Phone:	<u>(406) 628-4164</u>
Account no.	<u>N5160</u>	Account no.	<u>N9890</u>

WELL(S) attach additional page if needed:

***JONAH (GREEN RIVER) UNIT**

Name: **SEE ATTACHED**	API: <u>43013-31415</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 12-10-97)*
2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 10-13-97)*
3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) ____ If yes, show company file number: _____
4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1-14-98) * UIC/Que Hro Pro 1-14-98 & UIC/DBase 1-14-98.*
6. **Cardex** file has been updated for each well listed above.
7. Well **file labels** have been updated for each well listed above.
8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(1-14-98)*
9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for **reference during routing and processing of the original documents.**

ENTITY REVIEW

- Yes 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
Entity 11492 "Jonah (GP) Unit"
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A Yes 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
2. A **copy of this form** has been placed in the new and former operator's bond files.
3. The **FORMER** operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A Yes 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- Yes 1. All attachments to this form have been **microfilmed**. Today's date: 2.3.98.

FILING

1. **Copies** of all attachments to this form have been filed in each **well file**.
2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

980114 Bym/SL Aprv. eff. 1-13-98.

Well Name: BALCON MON FEO 44-15 API Number: 43-013-31415
Qtr/Qtr: SE/SE Section: 1 Township: 9S Range: 16E
Company Name: INLAND PRODUCTION COMPANY
Lease: State Fee Federal U-44426 Indian
Inspector: Dennis L Ingram Date: 06-01-00

Tubing - Rate: _____ Pressure: 1910 psi

Casing/Tubing Annulus - Pressure: 1055 psi

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	1055 PSI	1910 PSI
5	1055 "	1910 "
10	1055 "	1910 "
15	1055 "	1910 "
20	1055 "	1910 "
25	1055 "	1910 "
30	1055 "	1910 "

COMMENTS: Tested for 5 year Rule. Injecting down tubing @ 41.04 BPD. ALSO CHARTED TEST ON BARNER RECORDER

8:15 Am To 8:45 Am

Roy Laddell
Operator Representative

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. U-44426	
		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> INJECTOR		7. UNIT AGREEMENT NAME JONAH	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		8. FARM OR LEASE NAME BALCRON MONUMENT FEDERAL 44-1	
3. ADDRESS OF OPERATOR Route 3, Box 3630, Myton Utah 84052 (435-646-3721)		9. WELL NO. BALCRON MONUMENT FEDERAL 44-1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SE/SE 0338 FSL 0859 FEL		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/SE Section 1, T09S R16E	
14. API NUMBER 43-013-31415	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5372 GR	12. COUNTY OR PARISH DUCHESNE	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>		(OTHER) <u>5-Year M.I.T.</u>	<input checked="" type="checkbox"/>
(OTHER) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

A MIT was performed on the subject well to fulfill the 5 year requirement. Mr. Dennis Ingram of the State DOGM was notified of the intent to conduct an MIT on May 30, 2000. On June 1, 2000 the casing annulus was pressured to 1055 psi and maintained for 30 minutes with no pressure loss. Mr. Ingram was able to witness and approved the test.

18 I hereby certify that the foregoing is true and correct

SIGNED <u>Jody Liddell</u>	TITLE <u>Production Foreman</u>	DATE <u>6/2/00</u>
----------------------------	---------------------------------	--------------------

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

COPY SENT TO OPERATOR
Date: 6-6-00
Initials: CHD

Accepted by the
Utah Division of
Oil, Gas and Mining
* See Instructions On Reverse Side
Date: 6-15-00
By: [Signature]

RECEIVED
JUN 05 2000
DIVISION OF
OIL, GAS AND MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Dennis Ingram

Date 6/1/00 Time 8:15 am pm

Test Conducted by: Roy Liddlell

Others Present: _____

Well: Monument Fed 44-J-9-16

Field: Monument Butte

Well Location:

API No: 43-013-31415

SE/SE Sec 1, T9S, R16E Duchesne Co, Utah.

Time	Casing Pressure	
0 min	<u>1055</u>	psig
5	<u>1055</u>	psig
10	<u>1055</u>	psig
15	<u>1055</u>	psig
20	<u>1055</u>	psig
25	<u>1055</u>	psig
30 min	<u>1055</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

RECEIVED

JUN 05 2000

DIVISION OF
OIL, GAS AND MINING

Tubing pressure: 1910 psig Injecting @ 41.04 BPD

Result:

Pass

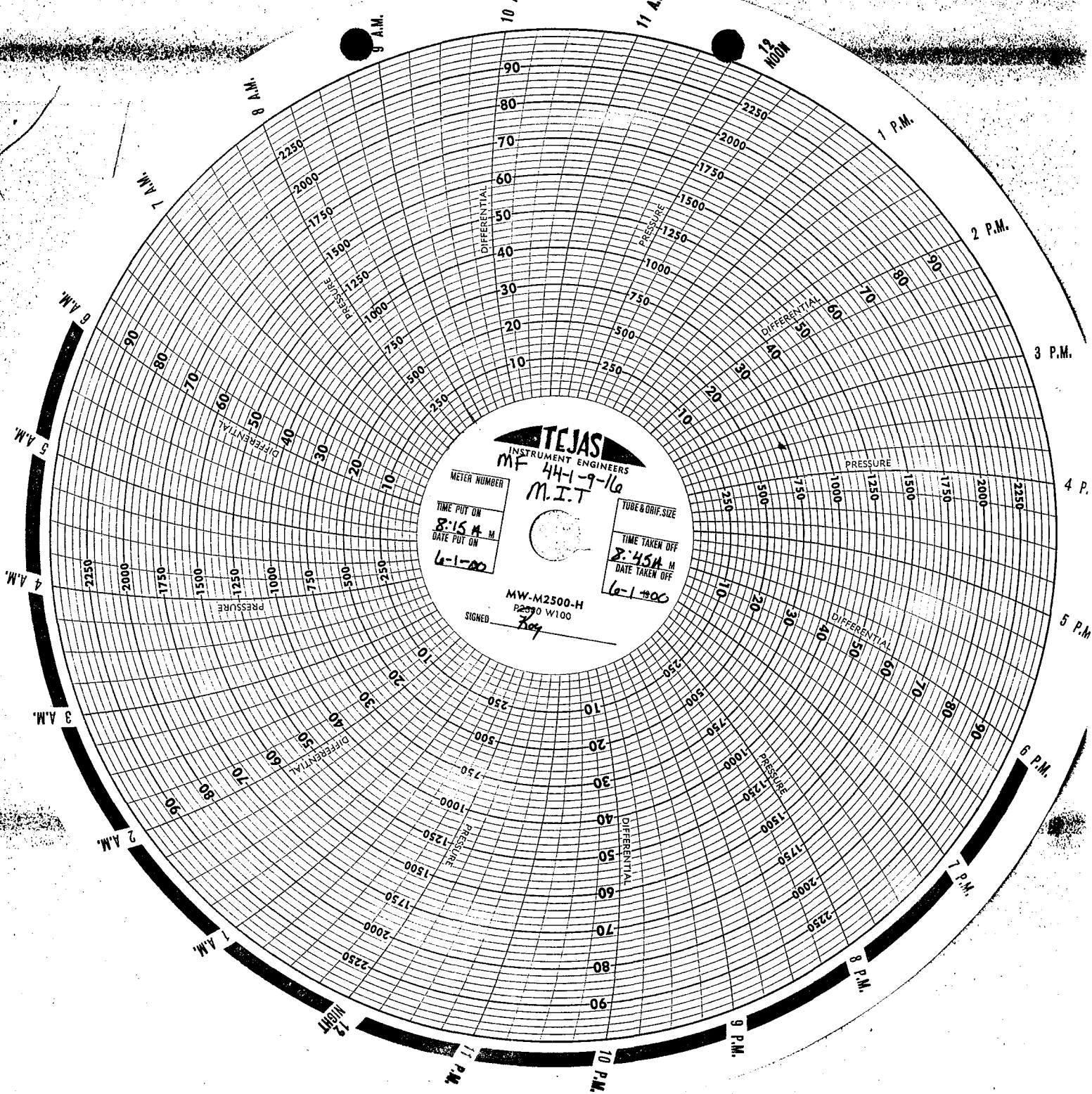
Fail

Signature of Witness:

Dennis L Ingram

Signature of Person Conducting Test:

Roy Liddlell



RECEIVED

JUN 05 2000

DIVISION OF
OIL, GAS AND MINING

OPERATOR CHANGE WORKSHEET**ROUTING**

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.**Unit:****JONAH (GREEN RIVER)****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MONUMENT FED 31-1J	01	090S	160E	4301331413	11492	Federal	OW	P
MONUMENT FED 32-1J	01	090S	160E	4301331414	11492	Federal	OW	P
MON FED 44-1J	01	090S	160E	4301331415	11492	Federal	WI	A
MON FED 34-10J	10	090S	160E	4301331416	11492	Federal	WI	A
MON FED 12-11J	11	090S	160E	4301331417	11492	Federal	WI	A
MONUMENT FED 33-11J	11	090S	160E	4301331451	11492	Federal	OW	P
MONUMENT FED 24-12J	12	090S	160E	4301331409	11492	Federal	OW	P
MON FED 12-12J	12	090S	160E	4301331410	11492	Federal	WI	A
MON FED 14-12J	12	090S	160E	4301331411	11492	Federal	WI	A
MON FED 32-12J	12	090S	160E	4301331419	11492	Federal	WI	A
MON FED 42-12J	12	090S	160E	4301331486	11492	Federal	WI	A
MONUMENT FED 41-12J	12	090S	160E	4301331487	11492	Federal	OW	P
MON FED 41-14J	14	090S	160E	4301331408	11492	Federal	WI	A
MON FED 21-14J	14	090S	160E	4301331421	11492	Federal	WI	A
MONUMENT FED 21-15J	15	090S	160E	4301331422	11492	Federal	NA	PA
MON FED 31-7J	07	090S	170E	4301331405	11492	Federal	WI	A
MON FED 11-7J	07	090S	170E	4301331492	11492	Federal	WI	A
MONUMENT FED 12-7J	07	090S	170E	4301331493	11492	Federal	OW	P
JONAH 6-7	07	090S	170E	4301331987	11492	Federal	WI	A
JONAH 7-7	07	090S	170E	4301331988	11492	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - **received 2/23/05**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU44426

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Injection well

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
JONAH UNIT

2. NAME OF OPERATOR:
Newfield Production Company

8. WELL NAME and NUMBER:
MON FED 44-1J

3. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER
435.646.3721

9. API NUMBER:
4301331415

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 0338 FSL 0859 FEL

COUNTY: Duchesne

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SE/SE, 1, T9S, R16E

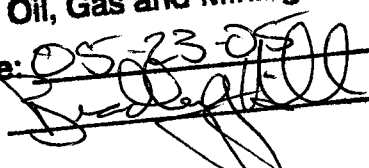
STATE: Utah

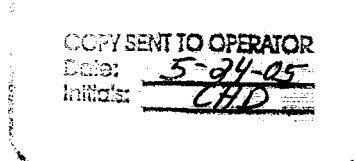
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
	Sub	Date	
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/19/2005	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - 5 Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 5-18-05 Dave Hackford with the State of Utah DOGM was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 5-19-05. On 5-19-05 the csg was pressured up to 1330 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbg pressure was 2060 psig during the test. There was a State representative available to witness the test. API# 43-013-41415


**Accepted by the
Utah Division of
Oil, Gas and Mining**
Date: 05-23-05
By: 



NAME (PLEASE PRINT) Kathy Chapman

TITLE Office Manager

SIGNATURE



DATE 05/20/2005

(This space for State use only)

RECEIVED

MAY 23 2005

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: David Hackford Date 5/19/2005 Time 10:00 am pm

Test Conducted by: J.D. Horrocks

Others Present: _____

Well: Balcron Monument Federal 44-1J-9-16

Field: Jonah unit

Well Location: SE/SE SEC 1 T9S R16E

API No: 43-013-31415

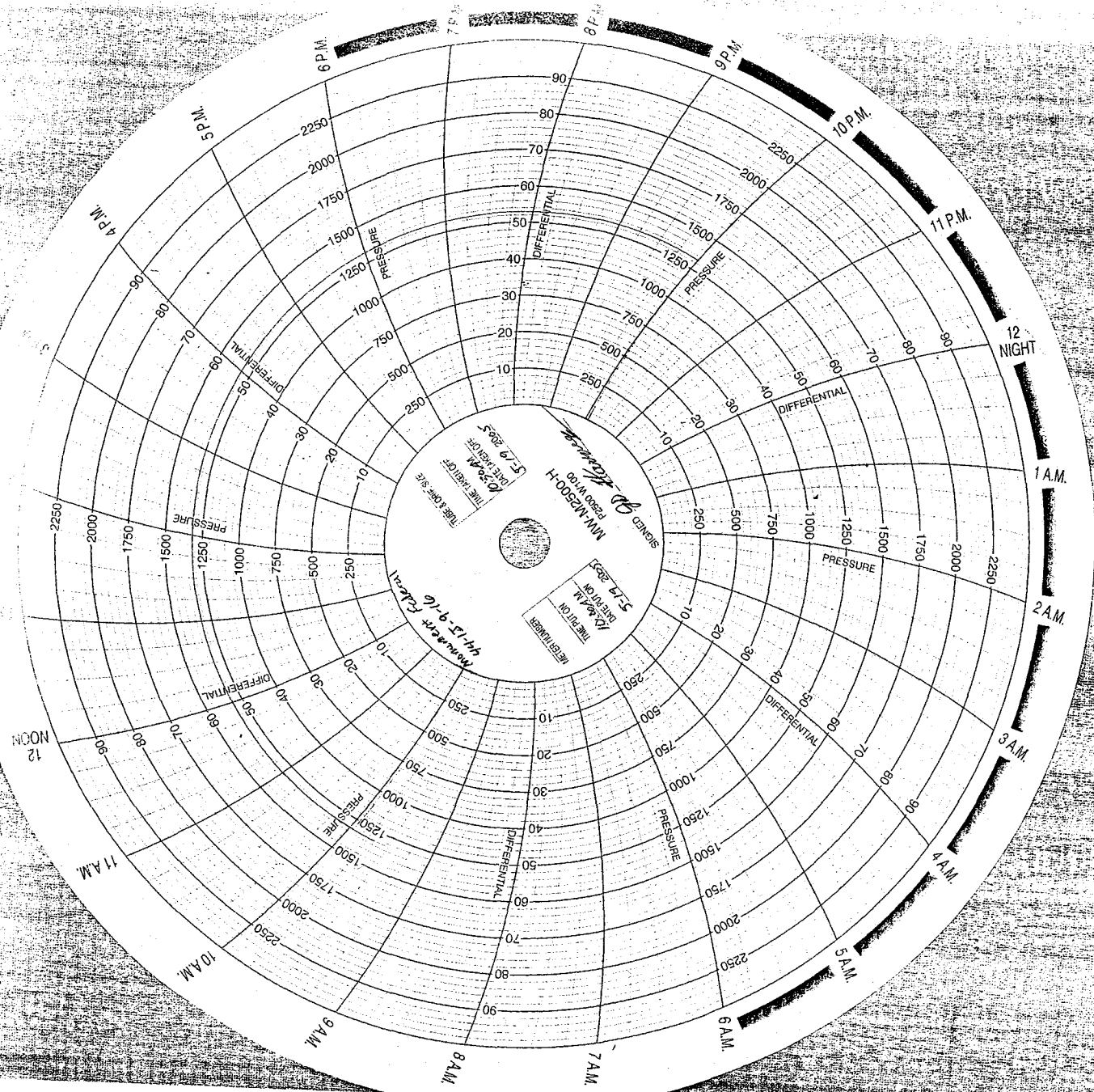
Time	Casing Pressure	
0 min	<u>1330</u>	psig
5	<u>1330</u>	psig
10	<u>1330</u>	psig
15	<u>1330</u>	psig
20	<u>1330</u>	psig
25	<u>1330</u>	psig
30 min	<u>1330</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 2060 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: _____



STATE OF UTAH
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED
MAY 23 2005
DIV. OF OIL, GAS & MINING

INJECTION WELL - PRESSURE TEST

Test Date: <u>5/19/05</u>	Well Owner/Operator: <u>New Field</u>
Disposal Well: _____	Enhanced Recovery Well: <u>X</u> Other: _____
API No.: <u>43-013-31415</u>	Well Name/Number: <u>Monument Fed. 44-15</u>
Section: <u>1</u>	Township: <u>9S</u> Range: <u>16E</u>

Initial Conditions:

Tubing - Rate: 100.5 BPD Pressure: 2050 psi
Casing/Tubing Annulus - Pressure: 1325 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1325</u>	<u>2050</u>
5	<u>1325</u>	<u>2050</u>
10	<u>1325</u>	<u>2050</u>
15	<u>1325</u>	<u>2050</u>
20	<u>1325</u>	<u>2050</u>
25	<u>1325</u>	<u>2050</u>
30	<u>1325</u>	<u>2050</u>

Results: Pass/Fail

Conditions After Test:

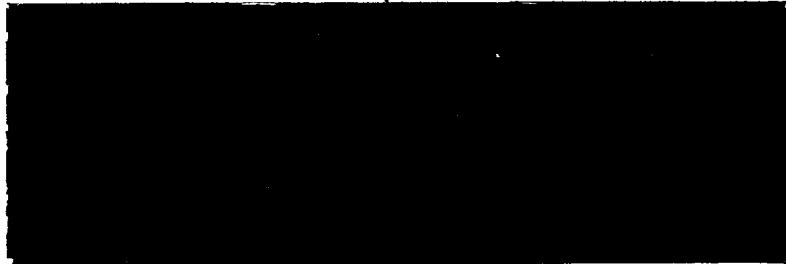
Tubing Pressure: 2050 psi
Casing/Tubing Annulus Pressure: 1325 psi

REMARKS:

5 year test

[Signature]
Operator Representative

[Signature]
DOGM Witness



CONFIDENTIAL

 Discovery
Energy Inc.

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 Discovery
Energy Inc.

 **Discovery
Energy Inc.**

GEOLOGIC AND DRILLING REPORT
43-013-31415
BALCRON OIL
MONUMENT BUTTE FEDERAL NO. 44-1J
SESE SECTION 1-T9S-R16E
DUCHESNE COUNTY, UTAH

BALCRON OIL DIVISION
Equitable Resources Energy Corp.
P.O. BOX 21017
Billings, Montana 59104

Table of Contents

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SESE Section 1-T9S-R16E
Duchesne County, Utah

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Strip Log-----	Pocket

Prepared by:

M.K. Jones
Petroleum Geologist
P.O. Box 21194
Billings, MT 59104
(406) 652-4505

Well Summary

OPERATOR: Balcron Oil

LEASE AND WELL NAME: Monument Butte Federal No. 44-1J

LOCATION: 859' fs, 338' fe, SESE Section 1-T9S-R16E
Duchesne County, Utah

ELEVATION: 5366 Gr, 5376 K.B.

SPUD DATE: August 5, 1994 @ 10:00 PM

COMPLETION DATE: Ran Casing for Oil Well Completion on
August 14, 1994

CASING POINT, DATE: August 13, 1994

TOTAL DEPTH: 5750' Driller Depth, 5750' Logger Depth

WELL STATUS: Awaiting Completion

DRILLING CONTRACTOR: Union Drilling Company

RIG NO.: 17

HOLE SIZE: Surface; 12 1/4" to 275' Main Hole; 7 7/8" to 5750'

SURFACE CASING: 6 Joints (253') 8 5/8", 24# @261 KB w/160 sx "G"
+ 2% CaCl, + 1/4#/sk Celloflake

MUD PROGRAM: Air and Mist to 3960'
Fresh water and Chemical to 5750'

LOGS: Schlumberger DLL-MSFL, LDT-CNL

CORES: None

DRILL STEM TESTS: None

SAMPLE QUALITY: Good

SAMPLE DISPOSITION: Utah Sample Library, Salt Lake City

PRODUCTION CASING: 5 1/2", 15# @ Total Depth w/ 990 sx

DRILLING EQUIPMENT: BLOW OUT PREVENTER:

RIG: Draw Works Cabot-Franks Rocket Make Schaeffer, Model 10" - 3000#
Mast Make Cabot Height 87' Type Hydraulic Dbl Ram
Power Caterpillar 343 Diesel Drill Pipe Size 4 1/2" Thread XH 16.6#
Drill Collars: No. 20, Length 596'
Thread 4"H-90, ID 2 1/2", OD 6"

PUMPS: NO. 1 Make GD, Model 200 FX,
Stroke Length 14"
Liner ID 5 1/2".
Power Twin 671 Detroit Diesels

Penetration Record

DAILY DEPTH AT 6:00 A.M.

Monument Butte Federal No. 44-1J

PENETRATION		TIME DISTRIBUTION					REMARKS
DATE	DEPTH	FOOTAGE	DRILLING	REPAIRS	OTHER	DAY WORK	
7/6-13/94	-	-	-	-	-	-	Build Road & Location
8-5-94	-	-	-	-	-	-	Spud 10:00 PM
8-6-94	260	260	8	-	16	-	Move In; Rig Up
8-7-94	647	387	7 1/4	1/2	16 1/4	-	Drill 12 1/4" Surf Hole
8-8-94	2086	1439	21 1/2	1	1 1/2	-	Run & Cmt
8-9-94	3301	1215	22	-	2	-	8 5/8" Surf Csg
8-10-94	4038	737	14 1/2	1/2	9	-	-
8-11-94	4628	590	22 1/2	-	1 1/2	-	Trip f/Bit
8-12-94	5146	518	22 1/4	-	1 3/4	-	-
8-13-94	5713	567	22 3/4	-	1 1/4	-	-
8-14-94	5750	37	2	-	22	22	Logging; Lay Dwn D/P
8-15-94	5750	-	-	-	6	6	Run 5 1/2" Csg
							Cmt 5 1/2 Csg; Rig Dwn
							Rig Released 12:00 Noon

TIME DISTRIBUTION SUMMARY

Rotating Hours----- 142 3/4 Hours
 Days on Location----- 10 Days
 Rig Repair----- 2 Hours
 Day Work----- 28 Hours

Mud Check

Monument Butte Federal 41-1J

<u>DATE</u>	<u>DEPTH</u>	<u>WT</u>	<u>VIS</u>	<u>PH</u>	<u>WL</u>	<u>CAKE</u>	<u>SALT</u>	<u>SOLIDS</u>
8-6-94	260		Drilling with Air			180 psi		1800 CFM
8-7-94	647		Drilling with Air & Mist			180 psi		1800 CFM
8-8-94	2086		Drilling with Air & Mist			240 psi		1800 CFM
8-9-94	3300		Drilling with Air & Mist			260 psi		1800 CFM
8-10-94	4038	8.5	27	-	-	-	6000	1.2% KCL
8-11-94	4628	8.5	27	-	-	-	6100	1.2% KCL
8-12-94	5146	8.5	27	-	-	-	5800	1.1% KCL
8-13-94	5713	8.5	27	-	-	-	6100	1.2% KCL
8-14-94	5750	8.5	27	-	-	-	6000	1.2% KCL

Mud Additives

KCL	50 sx	Lime	25 sx
Sawdust	4 sx	Gel	12 sx
T-700 Inhibitor	2 Bbl	Cedar Fiber	15 sx

Bit Record



Monument Butte Federal No. 44-1J

<u>NO.</u>	<u>SIZE</u>	<u>MAKE</u>	<u>TYPE</u>	<u>JETS</u>	<u>OUT</u>	<u>FEET</u>	<u>HRS.</u>	<u>WEIGHT</u>	<u>RPM</u>	<u>SPM</u>	<u>PRESS</u>	<u>DEV</u>
1	12 1/4"	IR	F.B.	open	275	275	8 1/2	5	25	-	180	Air & Mist
2	7 7/8"	STC	F47A	open	3960	3685	62 1/4	45	60	-	240	Air & Mist
3	7 7/8"	HTC	ATJ44	3-12	5750	1790	72	45	65	55	900	2 3/4°

Deviation Record

<u>DEPTH</u>	<u>ANGLE</u>	<u>DEPTH</u>	<u>ANGLE</u>
500	1°	3400	2 1/2°
1090	1 1/4°	3950	1 1/4°
1600	2°	4450	3°
2300	1 3/4°	4950	2 1/2°
2800	2 3/4°	5500	2 3/4°

Show Report

Monument Butte Federal No. 44-1J

NO	DEPTH	DRILL RATE, Min/Ft			TOTAL GAS Units			CHROMATOGRAPH ppm			
	From - To	Before	During	After	Before	Peak	After	C1	C2	C3	C4
1	2940-2960	1.25	0.8	1.25	30	150	25	150	-	-	-
2	4681-4687	3.5	1.2	2.0	10	55	10	55	-	-	-
3	4842-4852	3.0	1.8	3.5	8	225	15	220	5	-	-
4	4980-4998	2.5	1.25	2.75	100	1630	100	900	400	180	120
5	5434-5438	3.0	1.5	4.0	70	530	10	424	80	26	-
6	5506-5510	4.0	1.5	2.5	35	203	25	162	31	10	-

REMARKS

1. 2940 - 2960 Shale - dark brown, fissile, very petroliferous, bleeding brown free oil.
2. 4681 - 4687 Sandstone - tan, light gray, very fine grained, angular, calcareous, poor to fair porosity, light brown oil saturation, yellow gold fluorescence, instant strong streaming cut.
3. 4842 - 4852 Sandstone - light gray, white, very fine grained, angular, calcareous, clay filled, locally shaley, hard, tight, no visible porosity or show.
4. 4980 - 4998 Sandstone - tan, clear, very fine grained, silty, angular, calcareous, poor to fair porosity, light brown oil saturation, yellow green fluorescence, instant strong streaming cut.
5. 5434 - 5438 Sandstone - clear, some frosted, very fine to fine grained, angular to sub-angular, calcareous, clay filled, tight, no show.
6. 5506 - 5510 Sandstone - as above, no show.

Formation Data



Monument Butte Federal No. 44-1J

Log Tops

ELEVATIONS	5366 GL	5376 K.B.		STRUCTURAL
FORMATION	DEPTH	ELEVATION	THICKNESS	RELATIONSHIP
<u>TERTIARY</u>				
Uinta	Surface	+5366	1480	38' Low
Green River	1500	+3876	696	32' High
Horseshoe Bench SS	2196	+3180	1651	47' High
2nd Garden Gulch	3847	+1529	629	44' High
Yellow Marker	4476	+900	158	47' High
Douglas Creek	4634	+742	39	52' High
R-1 Sandstone	4673	+703	208	54' High
2nd Douglas Creek	4881	+495	105	37' High
G-1 Sandstone	4986	+390	44	32' High
Green Marker	5030	+346	109	48' High
G-4 Sandstone	5139	+237	180	56' High
Black Shale Facies	5319	+57	168	91' High
Carbonate Marker	5487	-111	263+	51' High

TOTAL DEPTH

5750'

REFERENCE WELL :

Gulf
MBF No. 1-43
1980' fs, 606' fe, Section 1
(1150' North)

Sample

Descriptions

Balcron Oil
Monument Butte Federal No. 44-1J
SESE Section 1-T9S-R16E
Duchesne County, Utah

Samples caught from blooie line. 50 Foot Samples; Sample quality good; Samples begin in Uintah Formation.

1400 - 1450 Siltstone - light gray, slightly sandy, calcareous; Sandstone: white, light gray, very fine to fine grained, angular, calcareous, mostly loose grains, no visible porosity or show; Shale - light gray, firm, fissile, calcareous.

1450 - 1500 Siltstone - as above.

LOG TOP, GREEN RIVER FORMATION 1500' (+3876')

1500 - 1550 Marl - buff, tan, firm, blocky, petroliferous; Siltstone - as above, very sandy.

1550 - 1600 Marl - tan, brown, firm, blocky, petroliferous; Shale - light to medium gray, hard, calcareous, gritty, blocky.

1600 - 1650 Marl - tan, brown, medium gray, firm, blocky, petroliferous.

1650 - 1700 Marl - buff, tan, brown, petroliferous.

1700 - 1750 Marl - as above; Shale - light gray, hard, calcareous, blocky; Siltstone - light gray, sandy, calcareous.

1750 - 1800 Increasing Siltstone.

1800 - 1850 Marl - tan, brown, light gray, blocky, gritty, firm, petroliferous.

1850 - 1900 No change.

- 1900 - 1950 Marl - tan, brown, firm, blocky, petroliferous.
- 1950 - 2000 No change.
- 2000 - 2200 Marl - buff, tan, brown, firm, blocky, petroliferous.

LOG TOP, HORSESHOE BENCH 2196' (+3180')

- 2200 - 2250 Sandstone - light gray, very fine to fine grained, angular, silty, calcareous, hard, tight; Marl - tan, brown, light to medium gray, hard, blocky, petroliferous.
- 2250 - 2300 Marl - buff, tan, brown, firm, blocky, petroliferous; Sandstone - as above.
- 2300 - 2350 Siltstone - light gray, sandy, hard, calcareous; Marl - as above.
- 2350 - 2450 Marl - tan, brown, gritty, firm, petroliferous, blocky to lumpy.
- 2450 - 2500 Marl - dark brown, hard, blocky, very petroliferous.
- 2500 - 2550 Marl - buff, tan, brown, brownish gray, firm, blocky, petroliferous.
- 2550 - 2700 No change.
- 2700 - 2750 As above; Shale - light gray, hard, blocky to fissile, calcareous; some Siltstone - light gray, sandy, calcareous, hard, locally pyritic.
- 2750 - 2800 Marl - brownish gray, hard, gritty to sandy, petroliferous, pyritic; Marl - as above; Loose Quartz grains - very fine to fine, angular, clear.
- 2800 - 2850 Marl - grayish brown, brown, firm, blocky, petroliferous; Quartz grains - as above.
- 2850 - 2900 No change.
- 2900 - 2950 Marl - tan, brown, blocky to fissile, petroliferous.
- 2950 - 3000 Marl - as above; Shale - dark brown, fissile, very petroliferous.
- 3000 - 3050 Limestone - cream, buff, tan, micritic to fragmental, hard, tight.

3050 - 3100	Marl - tan, brown, some grayish brown, firm, blocky, petroliferous.
3100 - 3150	Shale - light gray, hard, fissile, calcareous; Sandstone - light gray, very fine grained, silty, angular, calcareous, hard, tight.
3150 - 3200	Limestone - cream, buff, tan, micritic; Shale - as above; Marl - tan, brown.
3200 - 3250	Limestone and Marl - as above.
3250 - 3300	Limestone - white, cream, buff, tan, brown, micritic, hard.
3300 - 3350	Limestone - as above; Shale - light gray, firm, fissile, calcareous.
3350 - 3400	Shale - medium gray, blocky to fissile, gritty, hard, calcareous.
3400 - 3450	Limestone - buff, tan, brown, micritic, partly argillaceous; some Shale - as above.
3450 - 3500	Siltstone - light gray, sandy, shaley, calcareous, hard; some Limestone - as above.
3500 - 3550	Shale - pale gray, greenish gray, blocky to fissile, calcareous, hard, locally gritty; some Limestone - as above.
3550 - 3600	As above; Sandstone - light gray, very fine grained, silty (mostly loose grains), angular, calcareous, hard, no visible porosity or show.
3600 - 3650	Sandstone - white, clear, very fine to fine grained, angular, calcareous, locally clay filled, poor to fair porosity, specks of heavy brown asphaltic oil stain, slow streaming cut.
3650 - 3700	Marl - tan, brown, hard, blocky, petroliferous; Limestone - buff, tan, micritic.
3700 - 3750	Shale - light gray, hard, gritty, calcareous, blocky; Limestone - as above.
3750 - 3800	As above; Marl - tan, brown, blocky, petroliferous.
3800 - 3850	Siltstone - light gray, sandy, shaley, hard, calcareous; Shale - as above.

LOG TOP, SECOND GARDEN GULCH 3847' (+1529')

3850 - 3900 Shale - light gray, hard, calcareous, blocky; Limestone - cream, buff, micritic; Sandstone - mostly loose grains, very fine to fine, angular, no visible show or porosity.

3900 - 3950 Siltstone - light gray, very sandy, calcareous; Shale - as above; some Limestone - as above.

Begin Drilling with water at 3960'.

3950 - 4000 Limestone - cream, buff, tan, micritic, slightly argillaceous; some Shale - pale green, fissile, calcareous.

Begin 10 Foot Samples.

4000 - 4010 Shale - light gray, some pale green, hard, blocky to fissile, calcareous; some Limestone - as above; some Marl - tan, brown, firm, blocky, petroliferous.

4010 - 4020 Marl - as above; some Shale and Limestone - as above.

4020 - 4030 Shale - light gray, hard, fissile to blocky, calcareous, locally gritty to sandy; Siltstone - light gray, shaley, sandy, calcareous; some Limestone and Marl - as above.

4030 - 4040 Shale - as above; some Siltstone, Marl and Limestone.

4040 - 4050 No change.

4050 - 4060 Marl - tan, brown, firm, blocky, petroliferous; some Limestone - cream, buff, micritic to fragmental; some Shale - light gray, pale green, hard, blocky to fissile, calcareous.

4060 - 4070 Sandstone - white, light gray, very fine grained, silty, angular, calcareous, hard, dense; Marl and Shale - as above; some Limestone.

4070 - 4080 Shale - as above; some Sandstone and Marl - as above.

4080 - 4090 Marl and Shale - as above; some Sandstone and Limestone.

4090 - 4100 Marl and Shale - as above; some Limestone; Siltstone - light gray, sandy, calcareous.

4100 - 4110 No change.

- 4110 - 4120 Shale - light gray, firm, blocky to fissile, locally gritty to silty, calcareous; Claystone - light gray, silty; Marl - as above.
- 4120 - 4130 Shale and Marl - as above; Siltstone - light gray, sandy, calcareous.
- 4130 - 4140 Shale and Marl - as above.
- 4140 - 4150 Shale - light gray, firm, calcareous, blocky to fissile, gritty in part; marl - buff, tan, brown, firm, blocky, petroliferous.
- 4150 - 4160 As above; some Sandstone - clear, very fine grained, silty, angular, poor porosity, brown live oil saturation, yellow-brown fluorescence, slow streaming cut.
- 4160 - 4170 Shale and Marl - as above; some Sandstone - with show, as above; Siltstone - light gray, sandy, calcareous, few blobs of brown heavy oil on sample.
- 4170 - 4180 Shale - light gray, hard, blocky, gritty to silty, calcareous; grading to shaley, sandy Siltstone.
- 4180 - 4190 As above; some Marl - tan, brown, blocky, petroliferous; some Sandstone - light gray, very fine grained, silty, angular, calcareous, poor porosity, slight brown oil stain, faint yellow-brown fluorescence, slow streaming cut.
- 4190 - 4200 No change.
- 4200 - 4210 Sandstone - light gray, very fine grained, very silty, angular, calcareous, locally shaley, tight, few specks of heavy oil show.
- 4210 - 4220 Shale - light gray, firm, calcareous, fissile to blocky, gritty in part; Sandstone - as above; grading to Siltstone.
- 4220 - 4230 Shale and Siltstone - as above; Marl - tan, brown, blocky, firm, petroliferous.
- 4230 - 4240 Marl - as above; some Shale - as above.
- 4240 - 4250 Marl - buff, tan, brown, firm, blocky, petroliferous.
- 4250 - 4260 Marl - as above; Shale - light gray, pale green, firm, blocky to fissile, calcareous, gritty to sandy.

4260 - 4270	Marl - tan, brown, firm, blocky, petroliferous; Shale - light gray, blocky to fissile, hard, calcareous, gritty to sandy.
4270 - 4280	Siltstone - light gray, shaley, sandy, calcareous; Shale and Marl - as above.
4280 - 4290	Marl and Shale - as above; Siltstone - white, light gray, sandy, calcareous, hard.
4290 - 4300	As above; Claystone - light gray.
4300 - 4310	Shale - light gray, firm, fissile to blocky, calcareous; Marl - tan, brown, blocky, firm, petroliferous.
4310 - 4320	Marl - tan, brown, dark brown, firm, blocky, petroliferous.
4320 - 4330	As above; Sandstone - light gray, very fine to fine grained, angular, calcareous, hard, tight, <u>no show</u> .
4330 - 4340	Marl - as above; some Sandstone - as above.
4340 - 4350	No change.
4350 - 4360	No change.
4360 - 4370	Siltstone - white, light gray, sandy, calcareous, hard; Marl - as above; Shale - light gray, hard, fissile, calcareous.
4370 - 4380	Sandstone - white, light gray, very fine grained, very silty, angular, calcareous, hard, tight, <u>specks of dark brown oil stain, no fluorescence or cut</u> ; Marl and Shale - as above.
4380 - 4390	Sandstone - light gray, very fine grained, silty, angular, calcareous, clay filled, hard, tight; some Marl and Shale.
4390 - 4400	Siltstone - white, light gray, sandy, calcareous, hard; some Shale and Marl.
4400 - 4410	No change.
4410 - 4420	Shale - light gray, firm, blocky to fissile, calcareous; Siltstone - as above; grades to Sandstone - very fine grained.
4420 - 4430	Sandstone - white, very fine grained, very silty, angular, calcareous, tight, few specks of dark brown heavy oil; Shale and Siltstone.

4430 - 4440	Shale - light to medium gray, fissile to blocky, calcareous, gritty to silty locally; Siltstone - as above; some Marl - tan, brown, blocky, firm, petroliferous.
4440 - 4450	No change.
4450 - 4460	Marl and Shale - as above.
4460 - 4470	No change.

LOG TOP, YELLOW MARKER 4476' (+900')

4470 - 4480	As above; some Sandstone - light gray, very fine grained, silty, angular, calcareous, clay filled, hard, tight.
4480 - 4490	No change.
4490 - 4500	Siltstone - white, light gray, sandy, hard, calcareous; Marl and Shale - as above.
4500 - 4510	Marl - tan, brown, firm, blocky, petroliferous; Shale - as above; some Siltstone.
4510 - 4520	Shale - light gray, firm, blocky, gritty to silty, calcareous; Siltstone - as above.
4520 - 4530	Shale - as above; Marl - tan, brown, petroliferous; Siltstone - light gray, tan, sandy, calcareous, hard.
4530 - 4540	Marl - tan, brown, firm, blocky, petroliferous; some Shale and Siltstone.
4540 - 4550	Shale and Siltstone - as above; some Marl.
4550 - 4560	Shale - light gray, hard, blocky, locally gritty to sandy, calcareous; Marl - as before; Sandstone - light gray, very fine grained, silty, angular, shaley, calcareous, clay filled, tight.
4560 - 4570	No change.
4570 - 4580	No change.
4580 - 4590	Shale - as above; some Marl and Sandstone.
4590 - 4600	No change.

4600 - 4610 Marl - as above; some Shale and Sandstone.

4610 - 4620 No change.

4620 - 4630 No change.

LOG TOP, DOUGLAS CREEK 4634' (+742')

4630 - 4640 Shale - light gray, firm, fissile, calcareous; some Marl and Sandstone.

4640 - 4650 Marl - tan, brown, firm, blocky, petroliferous.

4650 - 4660 Marl - as above; Sandstone - light gray, white, very fine to medium grained, very silty, angular, shaley, calcareous, locally clay filled, hard, tight; Shale - light gray, hard, gritty to sandy, hard, calcareous, blocky to fissile.

4660 - 4670 Sandstone - as above; some Shale and Marl - as above.

LOG TOP, R-1 SANDSTONE 4673' (+703')

4670 - 4680 Shale - as above; some Sandstone and Marl - as above.

4680 - 4690 Sandstone - tan, light gray, very fine grained, angular, calcareous, poor to fair porosity, light brown oil saturation, yellow gold fluorescence, instant strong streamer cut; Shale and Marl - as before.

4690 - 4700 Shale - light gray, hard, blocky to fissile, gritty; Marl - as above; Trace of Sandstone - as above.

4700 - 4710 Shale and Marl - as above; Siltstone - light gray, sandy, hard, calcareous, shaley.

4710 - 4720 No change.

4720 - 4730 Marl - brown, tan, firm, blocky, petroliferous; some Shale - as above; Sandstone - light gray, white, buff, clear, very fine grained, silty, angular, calcareous, tight to poor porosity, some is clay filled, some is shaley, spotty yellow-brown fluorescence, and light brown oil stain, slight faint streamer cut.

4730 - 4740 Siltstone - light gray, calcareous, very sandy; Shale and Marl - as above; Limestone - buff, tan, micritic.

- 4740 - 4750 Marl - tan, brown, firm, blocky, petroliferous; Limestone - as above; some Shale - as above.
- 4750 - 4760 Shale - light gray, firm, fissile to blocky, calcareous; Marl - as above.
- 4760 - 4770 As above; Siltstone - light gray, sandy, shaley, calcareous, hard.
- 4770 - 4780 Marl and Shale - as above; Sandstone - light gray, very fine to fine grained, silty, angular, calcareous, locally clay filled, locally shaley, hard, tight.
- 4780 - 4790 Shale - light gray, greenish gray, fissile to blocky, hard, calcareous; Marl - tan, brown, firm, blocky, petroliferous.
- 4790 - 4800 As above; Siltstone - light gray, sandy, calcareous, hard.
- 4800 - 4810 No change.
- 4810 - 4820 As above; Claystone - white, silty, calcareous.
- 4820 - 4830 Marl - as above; some Shale and Siltstone; Claystone - white, light gray, silty, calcareous.
- 4830 - 4840 Claystone - as above; some Marl and Shale and Siltstone.
- 4840 - 4850 Marl - buff, tan, brown, firm, blocky, petroliferous; Sandstone - light gray, white, very fine grained, silty, angular, calcareous, clay filled, locally shaley, hard, tight, no visible show.
- 4850 - 4860 As above; Claystone - white, light gray, gritty to silty, calcareous.
- 4860 - 4870 Sandstone - as above, very silty; some Marl - as above; Shale - light gray, hard, fissile, calcareous.
- 4870 - 4880 Shale and Marl - as above; some Sandstone.

LOG TOP, SECOND DOUGLAS CREEK 4881' (+495')

- 4880 - 4890 Marl - buff, tan, brown, brownish gray, hard, blocky, petroliferous.

- 4890 - 4900 Limestone - cream, buff, tan, micritic, locally argillaceous; Shale - light gray, hard, blocky, calcareous; Siltstone - light gray, clear, sandy, calcareous, hard; some Marl.
- 4900 - 4910 Shale and Siltstone - as above; some Marl; Sandstone - light gray, very fine to coarse grained, angular to rounded, clear to frosted, calcareous, many loose grains, no visible porosity or show.
- 4910 - 4920 Sandstone - light gray, very fine to medium grained, silty, angular to rounded, calcareous, hard, tight, black asphaltic specks; some Marl and Shale.
- 4920 - 4930 Sandstone - light gray, white, very fine grained, silty, angular, calcareous, hard, tight; Marl - buff, tan, brown, firm, blocky, petroliferous; Shale - light gray, hard, blocky to fissile, calcareous; some Limestone - cream, buff, micritic.
- 4930 - 4940 No change.
- 4940 - 4950 Marl and Shale - as above; Siltstone - light gray, sandy, hard, calcareous; some Limestone.
- 4950 - 4960 No change.
- 4960 - 4970 Marl - tan, brown, firm, blocky, petroliferous.
- 4970 - 4980 Marl - as above; Shale - light gray, hard, blocky to fissile, calcareous; Siltstone - light gray, partly sandy, calcareous, hard.

LOG TOP, G-1 SANDSTONE 4986' (+390')

- 4980 - 4990 Marl - tan, brown, blocky, firm, petroliferous; Sandstone - tan, clear, very fine grained, silty, angular, calcareous, poor to fair porosity, light brown oil saturation, yellow green fluorescence, instant strong streaming cut, good show of live oil.
- 4990 - 5000 Sandstone - as above; Marl - as above.
- 5000 - 5010 Marl - tan, brown, firm, blocky, petroliferous; some Sandstone - as above.
- 5010 - 5020 Shale - light gray, hard, fissile, calcareous; Marl - as above.
- 5020 - 5030 Marl - as above.

LOG TOP, GREEN MARKER 5030' (+346')

- 5030 - 5040 Marl - dark brownish gray, tan, brown, firm, blocky, petroliferous.
- 5040 - 5050 No change.
- 5050 - 5060 Siltstone - light gray, shaley, calcareous; Shale - light gray, firm, fissile to blocky, calcareous; some Marl.
- 5060 - 5070 No change.
- 5070 - 5080 Siltstone - as above, sandy; some Shale and Marl - as above.
- 5080 - 5090 Shale - light to medium gray, firm, blocky, calcareous; Marl - medium gray, tan, brown, firm, blocky, petroliferous.
- 5090 - 5100 No change.
- 5100 - 5110 Marl - brownish gray, tan, brown, firm, blocky to fissile, petroliferous.
- 5110 - 5120 As above; Shale - light gray, hard, fissile to blocky, calcareous.
- 5120 - 5130 Siltstone - light gray, sandy, hard, calcareous; some Shale and Marl.
- 5130 - 5140 Marl; Shale; Siltstone - light gray, calcareous, hard.

LOG TOP, G-4 SANDSTONE 5139' (+237')

- 5140 - 5150 As above; Limestone - cream, buff, micritic.
- 5150 - 5160 Siltstone - light gray, partly sandy, hard, calcareous; Marl - tan, brown, firm, blocky, petroliferous.
- 5160 - 5170 No change.
- 5170 - 5180 As above; Shale - light gray, fissile, calcareous.
- 5180 - 5190 As above; Sandstone - white, clear, tan, very fine to fine grained, angular, calcareous, partly clay filled, poor porosity, light brown oil stain, yellow green fluorescence, instant strong streaming cut, fair show of live oil.
- 5190 - 5200 Sandstone - as above; Marl and Shale - as above.

- 5200 - 5210 Sandstone - white, light gray, very fine grained, silty, angular, clay filled, hard, tight, *no show*; Marl - tan, brown, firm, blocky, petroliferous; Shale - light gray, firm, fissile to blocky, calcareous.
- 5210 - 5220 Marl and Shale - as above; some Sandstone.
- 5220 - 5230 Shale - as above; some Marl - as above; Siltstone - white, light gray, locally sandy, hard, calcareous.
- 5230 - 5240 Shale - as above; some Marl; trace of Limestone - buff, micritic.
- 5240 - 5250 Marl - as above; Shale - light to medium gray, hard, blocky to fissile, calcareous; Siltstone - light gray, sandy, hard, calcareous.
- 5250 - 5260 Shale - light to medium gray, hard, blocky to fissile, calcareous, locally gritty; Marl - as above; Limestone - cream, buff, micritic.
- 5260 - 5270 Shale - dark brownish gray, fissile, petroliferous; Marl - tan, brown, firm, blocky, petroliferous; Limestone - cream, buff, tan, micritic to fragmental.
- 5270 - 5280 Shale - as above; Marl; Shale - light gray, fissile.
- 5280 - 5290 Marl - tan, brown, firm, blocky, petroliferous; Shale - medium to dark gray, fissile, gritty.
- 5290 - 5300 Marl - as above; Shale - light gray, firm, fissile, calcareous; Sandstone - white, light gray, very fine grained, angular, silty, calcareous, hard, tight.
- 5300 - 5310 Marl - tan, brown, firm, blocky, petroliferous; Shale - light to medium gray, fissile, hard, calcareous.

LOG TOP, BLACK SHALE FACIES 5319' (+57')

- 5310 - 5330 No change.
- 5330 - 5340 Shale - dark brownish gray, gritty, fissile to lumpy, petroliferous, "Oil Shale".
- 5340 - 5350 Shale - dark brown, dark brownish gray, fissile to blocky, limey, gritty, petroliferous; Marl - tan, brown, dark brown, hard, blocky, petroliferous.

5350 - 5360	Shale - as above; trace of Marl; massive Pyrite.
5360 - 5370	No change.
5370 - 5380	Shale - as above; trace of Marl.
5380 - 5390	No change.
5390 - 5400	As above; Limestone - cream, buff, micritic.
5400 - 5410	Shale - medium gray, fissile to blocky, hard, calcareous; Limestone - buff, tan, micritic; Marl - tan, brown, firm, blocky, petroliferous.
5410 - 5420	As above; Shale - dark gray, dark grayish brown, fissile to blocky, gritty, petroliferous.
5420 - 5430	Shale - dark grayish brown, dark gray, firm, fissile, petroliferous; Limestone - cream, buff, micritic.
5430 - 5440	Shale - as above.
5440 - 5450	Shale - as above; some Marl - tan, brown, firm.
5450 - 5460	Marl - tan, brown, firm, blocky petroliferous; Shale - light gray, firm, fissile, calcareous; Limestone - buff, tan, micritic; trace of Sandstone - tan, light gray, very fine grained, angular, calcareous, hard, dense.
5460 - 5470	Marl - as above; trace of Sandstone.
5470 - 5480	Shale - dark gray, dark brownish gray, fissile, gritty, petroliferous.
5480 - 5490	As above; Shale - light gray, hard, fissile, calcareous; Limestone - cream, buff, tan, micritic.

LOG TOP, CARBONATE MARKER 5487' (-111')

5490 - 5500	Limestone - buff, tan, micritic; Shale - dark brownish gray, fissile, petroliferous.
5500 - 5510	Limestone - cream, buff, tan, micritic; Marl - tan, brown, firm, blocky, petroliferous; Shale - light gray, firm, blocky to fissile, calcareous.

5510 - 5520	Marl and Shale - as above; some Limestone.
5520 - 5530	As above; Siltstone - light gray, sandy, calcareous, hard.
5530 - 5540	Marl - as above; some Limestone and Siltstone.
5540 - 5550	Sandstone - light gray, white, very fine grained, silty, angular, calcareous, hard, tight; Marl - as above.
5550 - 5560	Marl - tan, brown, hard, blocky, petroliferous; Shale - light to medium gray, hard, blocky to fissile, calcareous.
5560 - 5570	No change.
5570 - 5580	Marl - dark brown, blocky, gritty, petroliferous; Limestone - buff, tan, micritic, locally argillaceous.
5580 - 5590	Shale - light gray, hard, fissile to blocky, calcareous; Marl - tan, brown, firm, blocky, petroliferous.
5590 - 5600	Sandstone - white, light gray, very fine grained, very silty, angular, calcareous, hard, tight; Marl and Shale - as above.
5600 - 5610	Sandstone - white, very fine to fine grained, many individual grains, angular to sub-rounded, calcareous, no visible porosity or show.
5610 - 5620	Marl - tan, brown, firm, blocky, petroliferous; Shale - light gray, hard, fissile to blocky, calcareous.
5620 - 5630	Marl - tan, brown, dark brownish gray, firm, blocky, petroliferous; some Shale - as above.
5630 - 5640	As above; some Sandstone - white, very fine to medium grained, angular, calcareous, hard, tight.
5640 - 5650	Shale and Marl - as above; Siltstone - white, sandy, limey, hard.
5650 - 5660	Marl - tan, brown, firm, blocky, petroliferous; Shale - light gray, hard, fissile to blocky, calcareous.
5660 - 5670	As above; Sandstone - light gray, white, very fine grained, silty, angular, calcareous, clay filled, hard, tight.

5670 - 5680 Marl and Shale - as above; some Siltstone - light gray, hard, calcareous.

5680 - 5690 Marl and Shale - as above; some Sandstone - light gray, clear, very fine to few medium grains, angular, calcareous, clay filled in part, hard tight.

5690 - 5700 No change.

5700 - 5710 Sandstone - white, clear, many loose grains, very fine to fine grained, angular, calcareous, locally clay filled, no visible porosity, few specks of dark residual oil, yellow green fluorescence, slow milky cut.

5710 - 5720 No change.

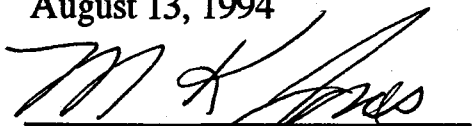
5720 - 5730 Marl - tan, brown, firm, blocky, petroliferous; Shale - light to medium gray, hard, fissile to blocky, calcareous; Siltstone - light gray, calcareous, sandy, hard.

5730 - 5740 Siltstone - as above; some Marl.

5740 - 5753 Marl - tan, brown, firm, block, petroliferous; Shale - light gray, hard, fissile to blocky, calcareous.

Driller's Total Depth 5750'
Logger's Total Depth 5750'

August 13, 1994



M.K. Jones
Petroleum Geologist

GEOLOGIC WELL LOG

OPERATOR: BALCRON OIL

WELL: MONUMENT BUTTE FEDERAL NO. 44-1J

COUNTY: DUCHESNE STATE: UTAH

SECTION: 1, TOWNSHIP 9S, RANGE 16E

QTR. SEC. SESE 859' FSL, 338' FEL

KB 5376', GR 5366'

RIG: UNION # 17

TOTAL DEPTH: 5750'

STATUS: AWAITING COMPLETION

SPUD DATE: 8-5-94 COMP. DATE: UNKNOWN


PERFS: UNKNOWN

IP: UNKNOWN

GEOLOGIST: M.K. Jones

POROSITY & SHOW SYMBOLS

OPERATIONAL SYMBOLS



A vertical diagram illustrating different well completion types. From top to bottom, the types are: CORE (represented by a solid black rectangle), SIDEWALL CORE (represented by a vertical line with a diagonal slash), DST (represented by a circle with the number 1 inside, with arrows pointing up and down), CASING SEAT (represented by a solid black triangle), PERFORATIONS (represented by horizontal lines), and SQUEEZED PERFS (represented by a series of horizontal lines of decreasing length, forming a wedge shape).

FROM: 1400' TO: Total Depth

DRILL RATE										P o r o s	S h o w s	C o r e	C s g .	TEXT
Mn/Ft					Ft/Hr									
<div><input checked="" type="checkbox"/></div>					<div><input type="checkbox"/></div>									
5' Average														
0					5					10				1400

Sh - lt gy, frm, fsl, calc

GREEN RIVER 1500'

Marl - bf, tn, frm, blk, petrol

Sh - lt-md gy, hd, calc, grty, blk

Marl - tn, brn, md gy, frm, blk, petrol

Marl - bf, tn, brn, petrol

Sh - lt gy, hd, calc, blk

Sltst - lt gy, sdy, calc

Marl - tn, brn, lt gy, blk, grty, frm, petrol

Marl - tn, brn, frm, blk, petrol

Marl - bf, tn, brn, frm, blk, petrol

1500

1600

1700

1800

1900

2000

Min/Ft

0

5

10

2100

HORSESHOE BENCH 2196'

2200

SS - lt gy, vf-fg, ang, slty, calc, hd, tite

Marl - tn, brn, lt-md gy, hd, blk, petrol

Marl - bf, tn, brn, frm, blk, petrol

2300

Slst - lt gy, sdy, hd, calc

Marl - tn, brn, grty, frm, blk-lmpy, petrol

2400

Marl - dk brn, hd, blk, vy petrol

2500

Marl - bf, tn, brn, brnsh gy, frm, blk, petrol

2600

2100

HORSESHOE BENCH 2196'

2200

SS - lt gy, vf-fg, ang, slty, calc, hd, tite

Marl - tn, brn, lt-md gy, hd, blk, petrol

Marl - bf, tn, brn, frm, blk, petrol

2300

Slst - lt gy, sdy, hd, calc

Marl - tn, brn, grty, frm, blk-lmpy, petrol

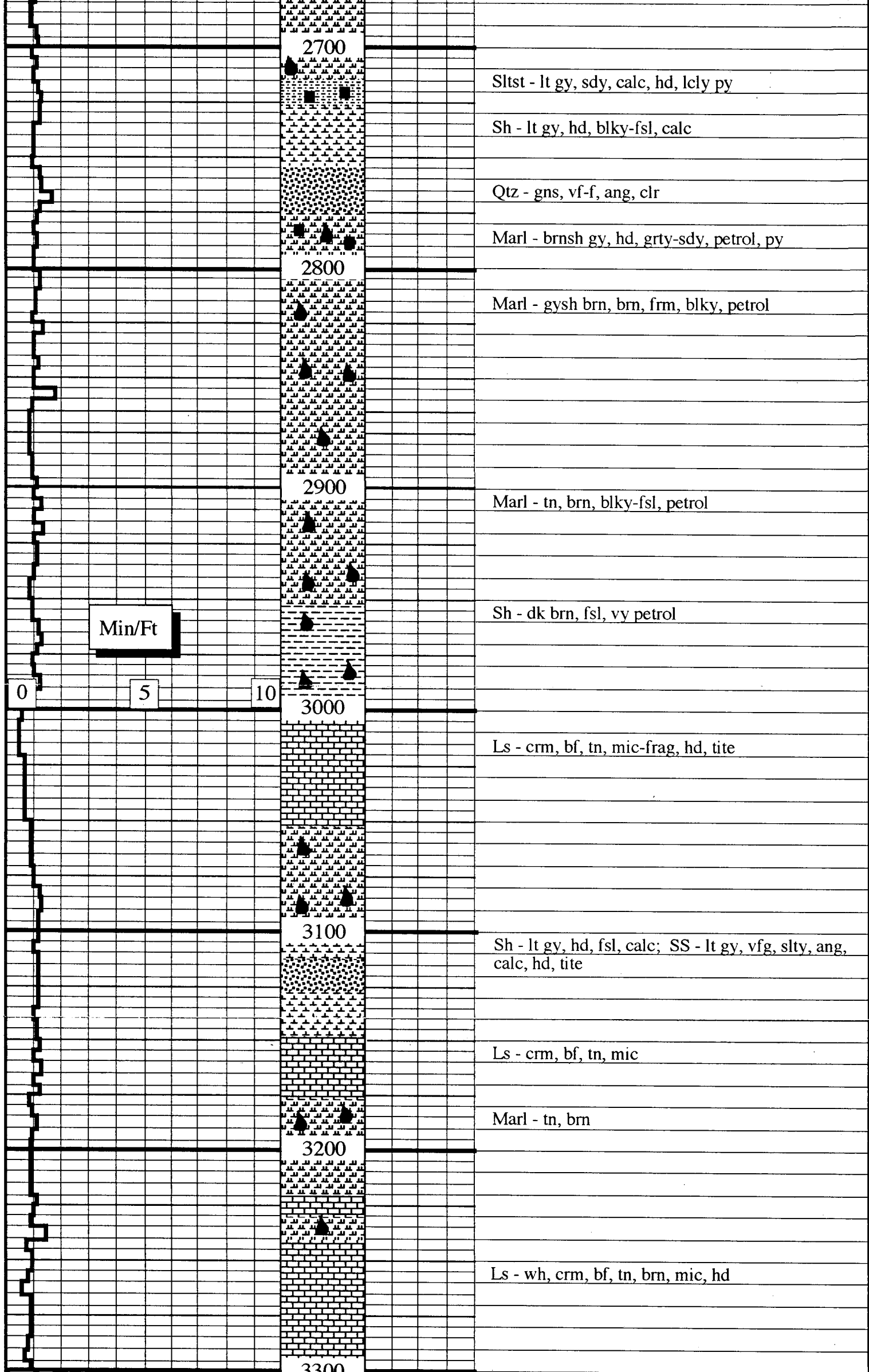
2400

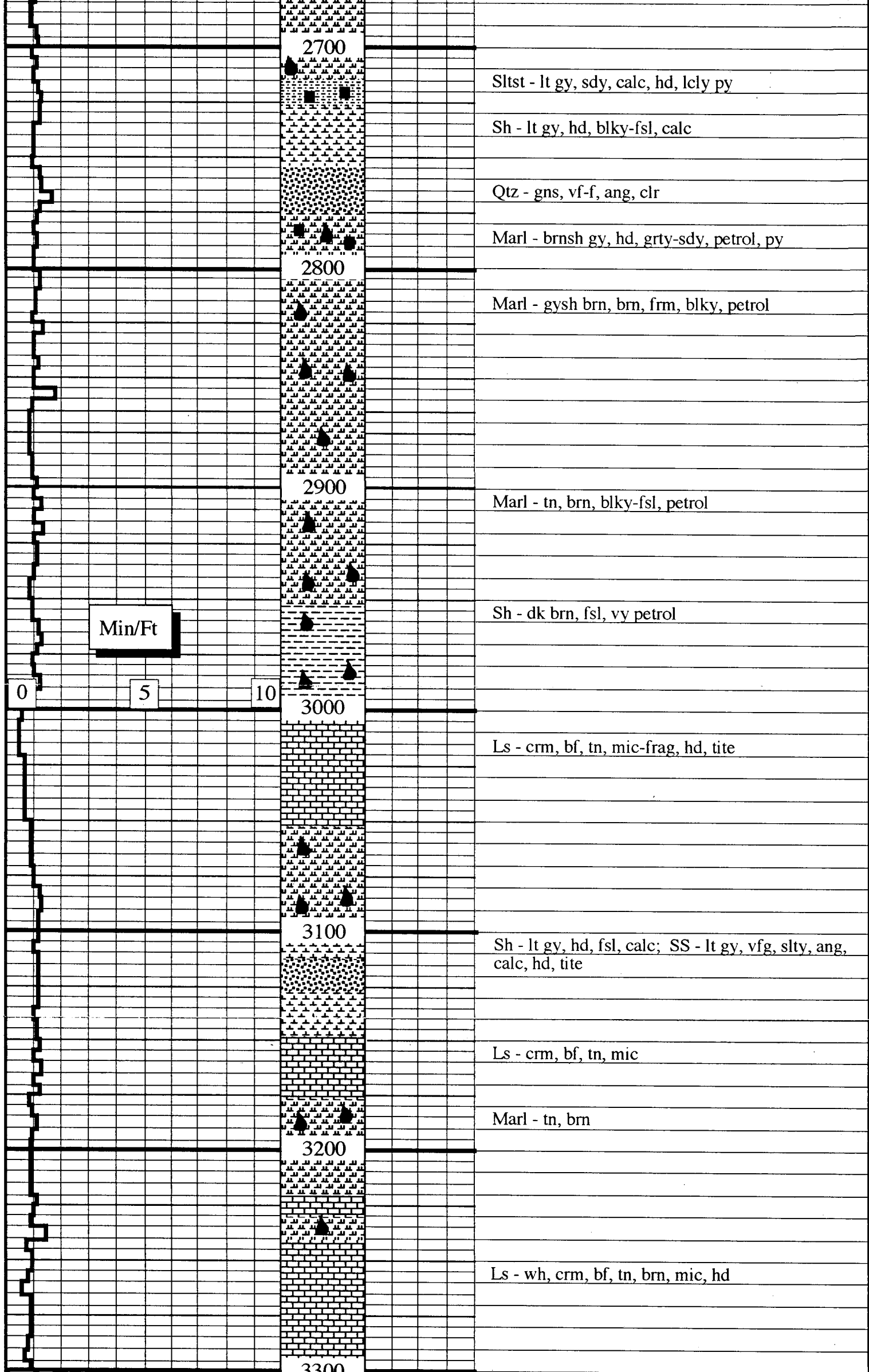
Marl - dk brn, hd, blk, vy petrol

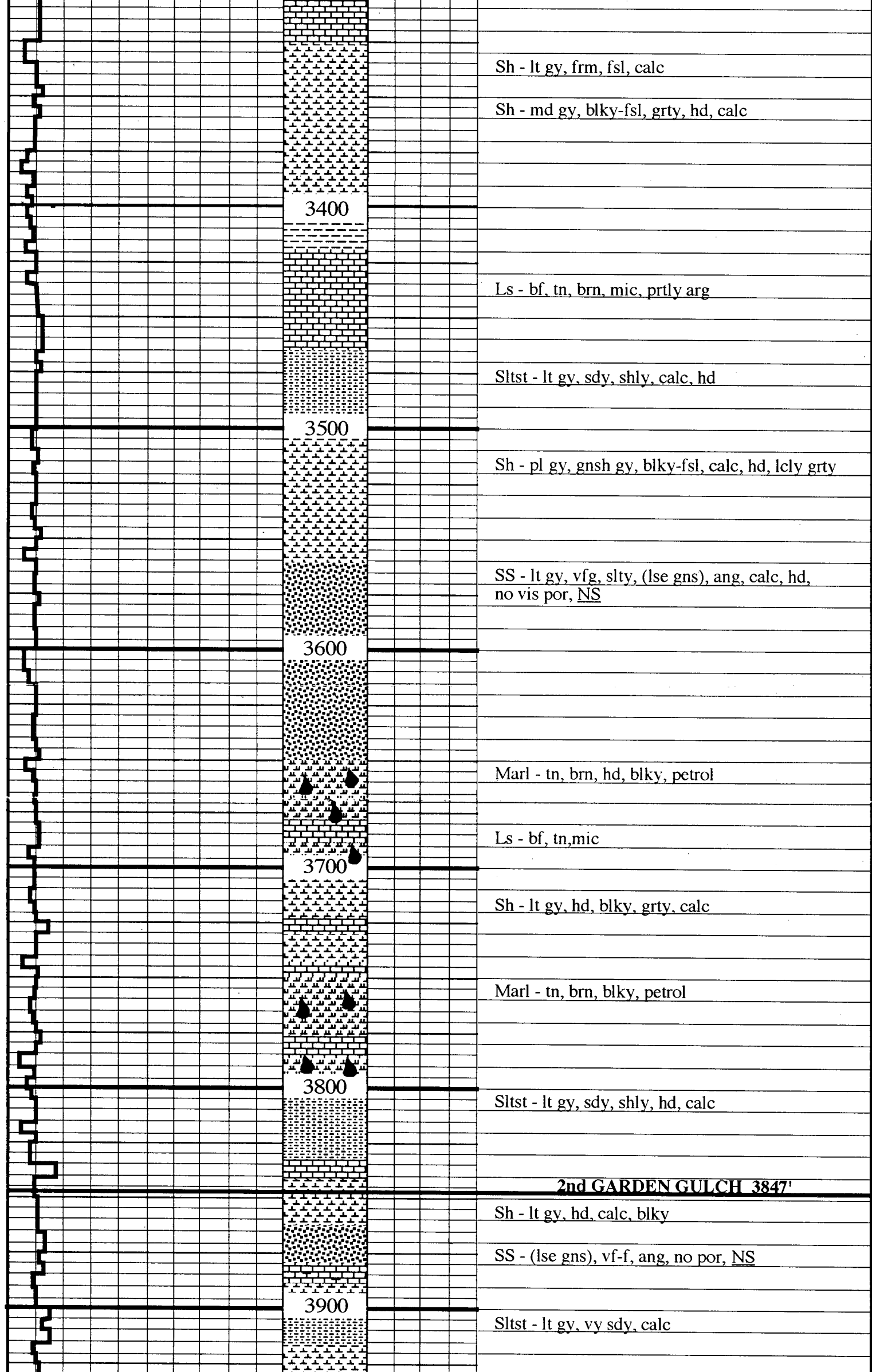
2500

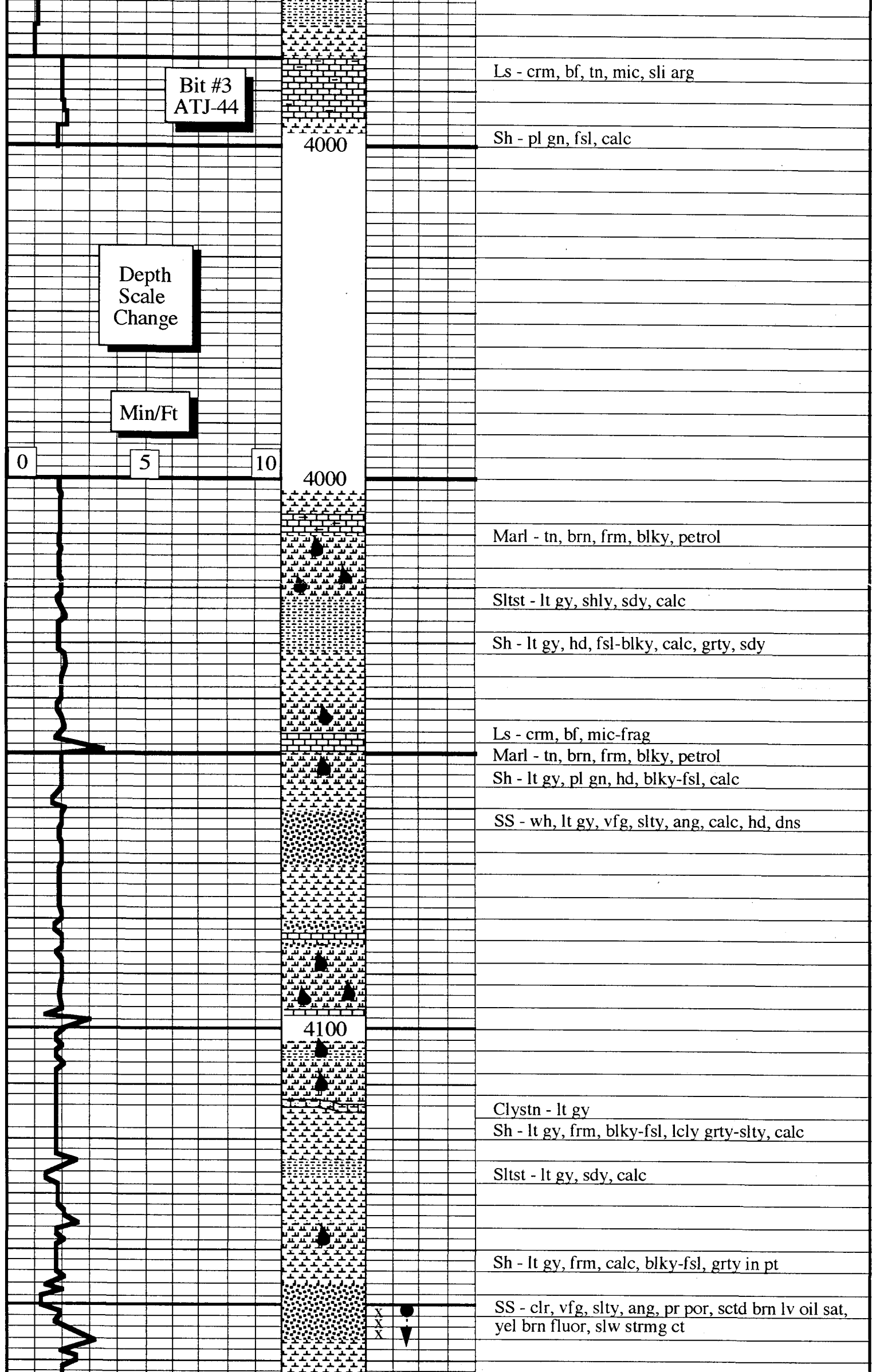
Marl - bf, tn, brn, brnsh gy, frm, blk, petrol

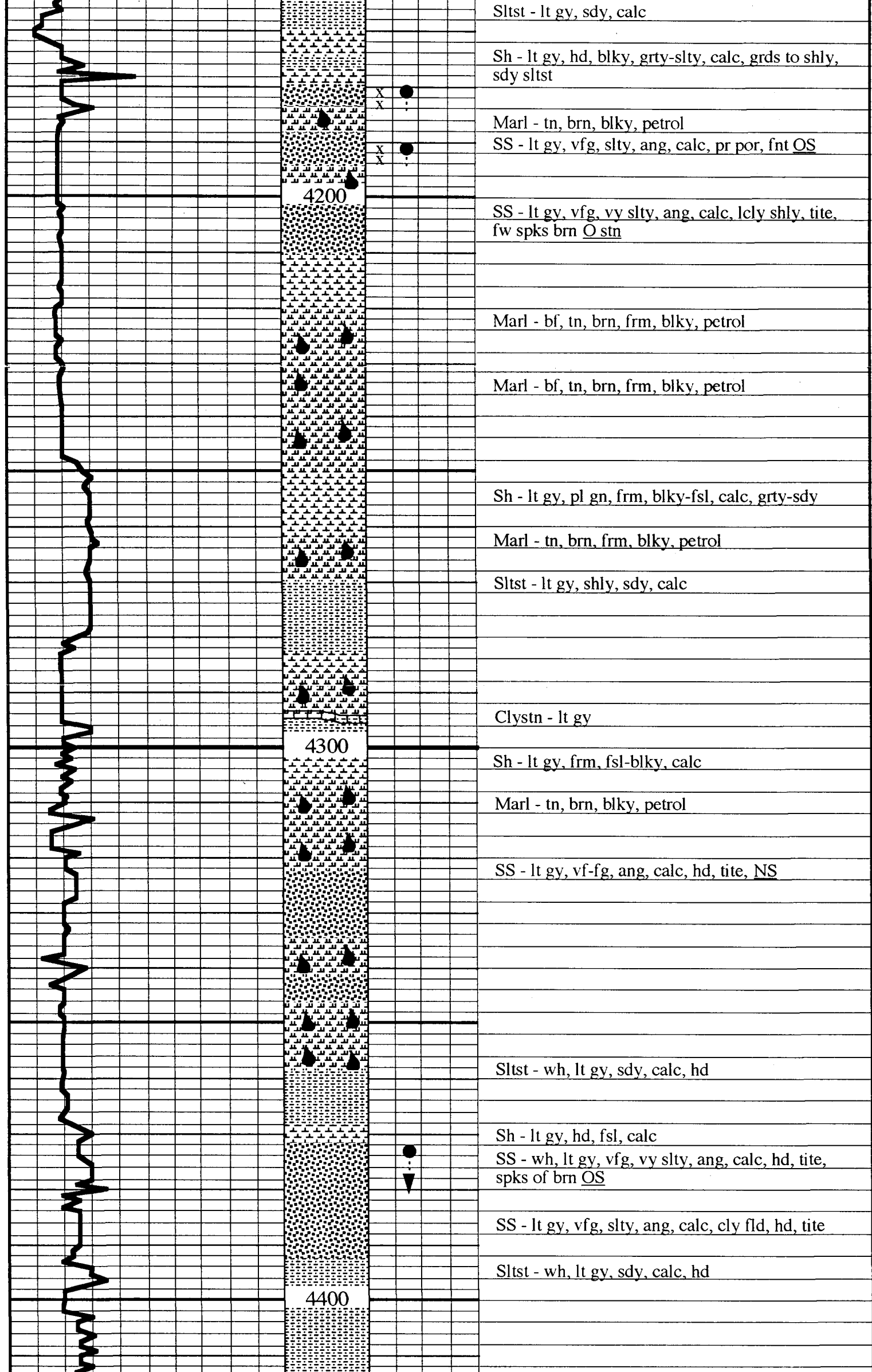
2600

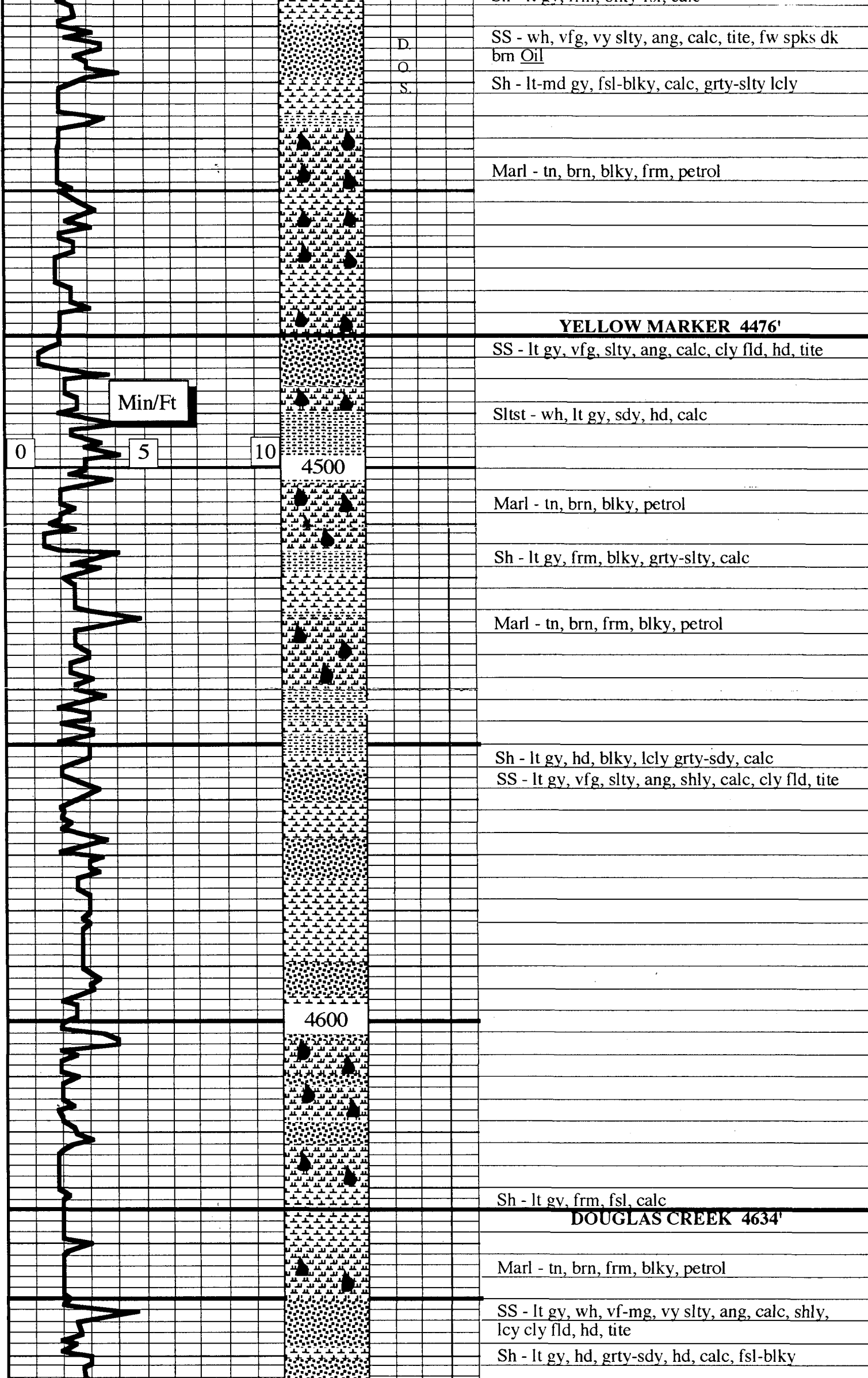












R-1 SANDSTONE 4673'

SS - tn, lt gy, vfg, ang, calc, pr-fr por, fair OS

Sh - lt gy, hd, blk-fsl, grty

4700

Sltst - lt gy, sdy, hd, calc, shly

SS - lt gy, wh, bf, clr, vfg, slty, ang, calc, tite-pr
por, cly fld, shly; Poor OS

Sltst - lt gy, calc, vy sdy

Ls - bf, tn, mic

Marl - tn, brn, frm, blk, petrol

Sh - lt gy, frm, fsl-blky, calc

Sltst - lt gy, sdy, shly, calc, hd

SS - lt gy, vf-fg, slty, ang, calc, lcly cly fld,
lcly shly, hd, tite

Marl - tn, brn, frm, blk, petrol

Sltst - lt gy, sdy, calc, hd

4800

Clystn - wh, slty, calc

SS - lt gy, wh, vfg, stly, ang, calc, cly fld, lcly shly,
hd, tite, NS

Sh - lt gy, hd, fsl, calc

2nd DOUGLAS CREEK 4881'

Marl - bf, tn, brn, brnsh gy, hd, blk, petrol

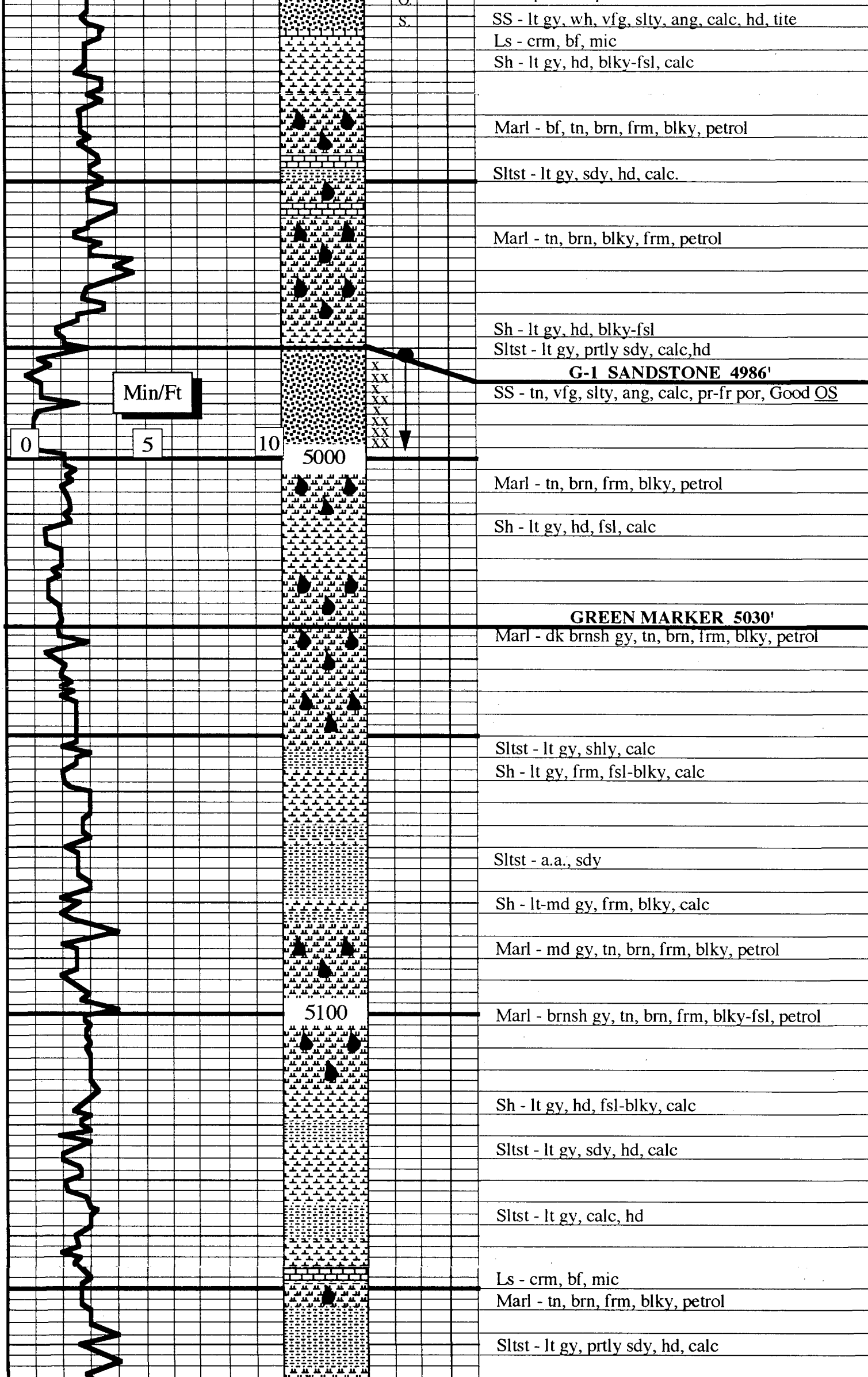
Ls - crm, bf, tn, mic, lcly arg

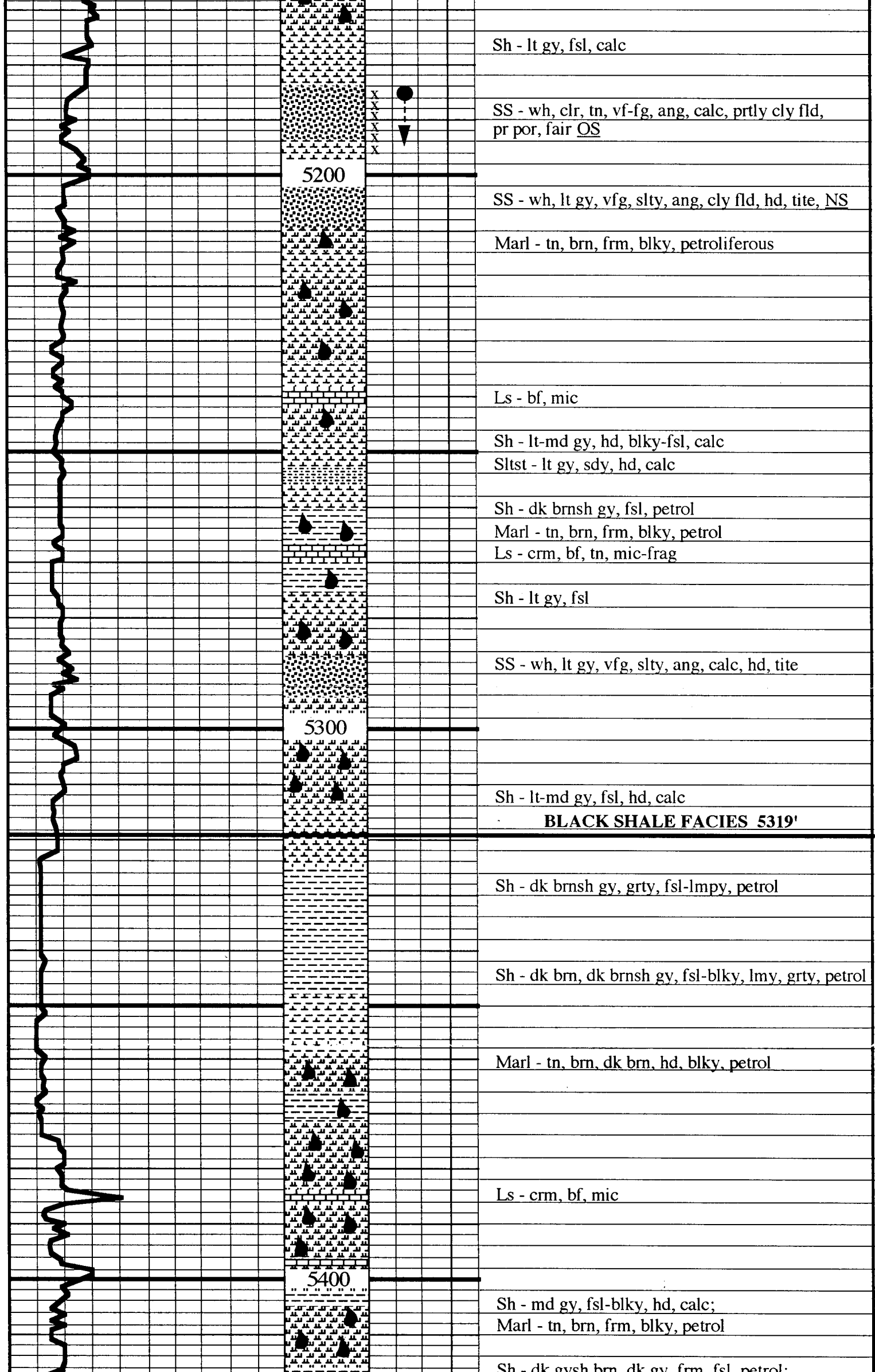
Sltst - lt gy, clr, sdy, calc, hd

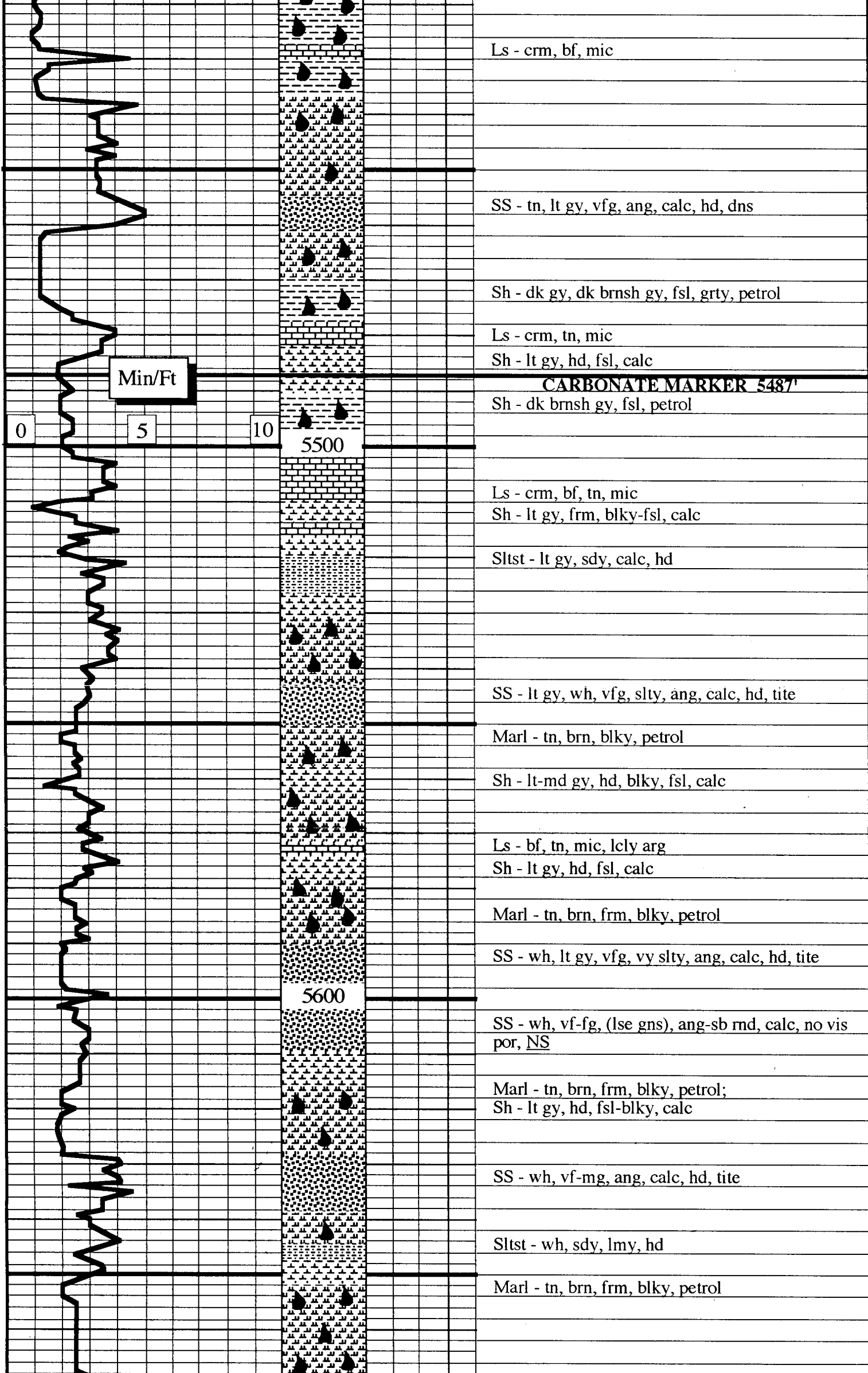
4900

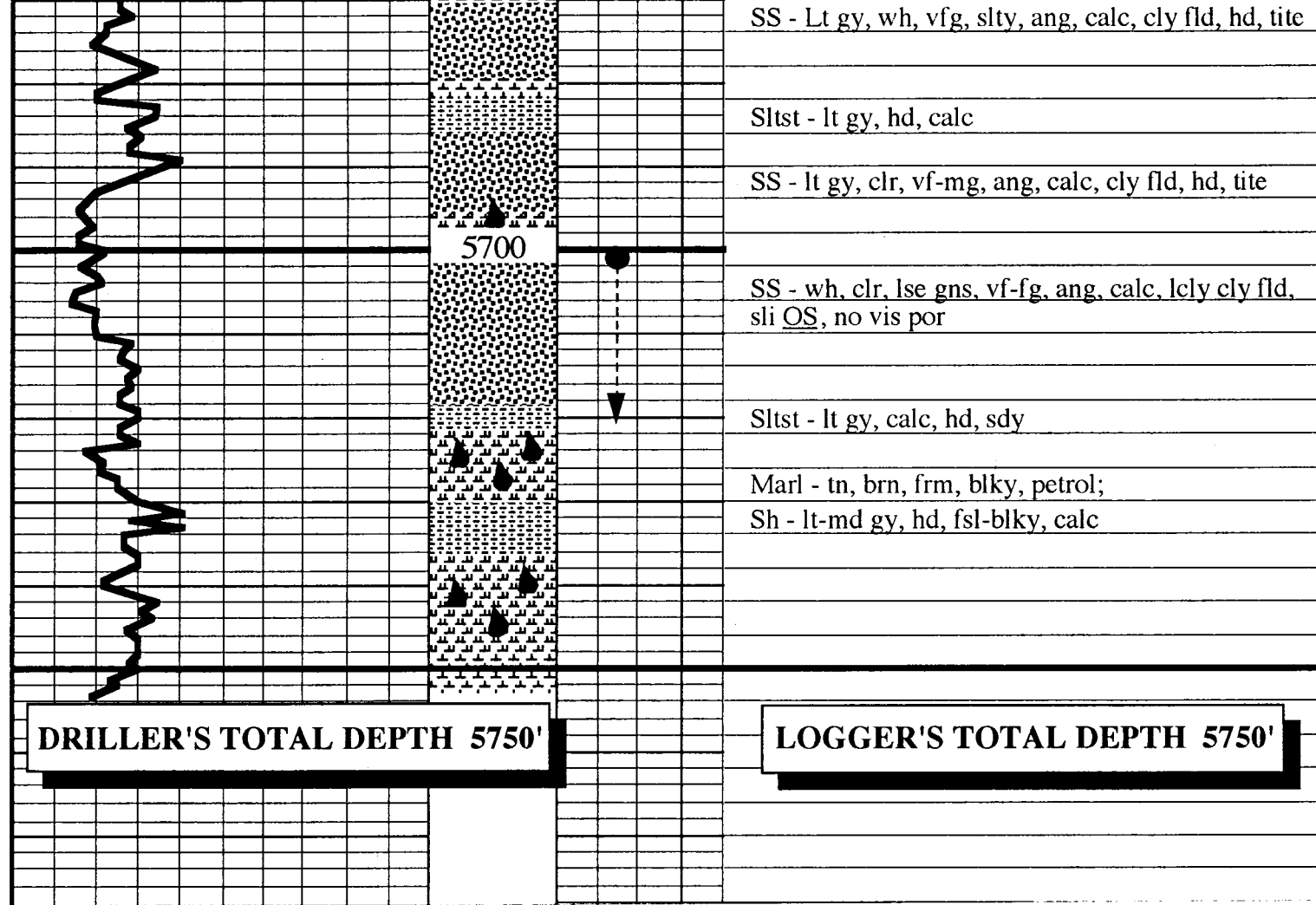
SS - lt gy, vf-crs g, ang-rnd, clr-frstd, calc, lse gns,
no vis por, NS

SS - lt gy, vf-mg, slty, ang-rnd, calc, hd, tite,









STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-44426

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>WI</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: JONAH UNIT
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		8. WELL NAME and NUMBER: MON FED 44-1J
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 338 FSL 859 FEL		9. API NUMBER: 4301331415
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESE, 1, T9S, R16E		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will 	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input checked="" type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: -
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/21/2007			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above subject well has workover procedures performed on 05/04/07, attached is a daily status report.

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 05-23-07
By: [Signature]

COPY SENT TO OPERATOR
Date: 5-24-07
Initials: CHD

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk
SIGNATURE [Signature] DATE 05/21/2007
(This space for State use only)

RECEIVED

MAY 22 2007

DIV. OF OIL, GAS & MINING

Daily Activity Report**Format For Sundry****MON 44-1J-9-16****3/1/2007 To 7/30/2007****5/3/2007 Day: 1****Tubing Leak**

NC #2 on 5/2/2007 - MIRUSU. ND wellhead. Release packer. NU BOPs. Circulate well w/ 40 BW @ 250°. Attempt to pump standing valve down tbg. Tbg had 1/8" - 1/4" scale built up on the inside. Wait for a float to lay tbg down on. TOOH w/ 150 jts 2 7/8 J-55 tbg, SN, 2 7/8" X 2 3/8" X- over, Arrowset 1-X 2 3/8 X 5 1/2 packer. LD tbg on trailer. SDFN.

5/4/2007 Day: 2**Tubing Leak**

NC #2 on 5/3/2007 - TIH w/ 144- jts 2 7/8 J-55 tbg (picking up from trailer, drifting, tallying, breaking collars & applying liquid O- ring to threads), SN (w/standing valve) & Arrowset 1-X packer. Test tbg - 3000 psi for 30 minutes, total of 3 times. RU sandline. RIH w/ fishing tool on sandline to retrieve standing valve. POOH w/ sandline & standing valve. SDFN.

5/5/2007 Day: 3**Tubing Leak**

NC #2 on 5/4/2007 - RD rig floor. ND BOPs. NU wellhead. Pump 80 bbls packer fluid down annulus. ND wellhead. Set Arrowset 1-X packer w/ CE @ 4602' w/ 15,000# tension. NU wellhead. Pressure annulus - 1,300 psi. Bled off trapped gas & pressure annulus - 1,300 psi as needed. Held pressure test for 30 minutes w/ 0 psi loss. Steam off wellhead & rig equipment. RDMOSU. Ready for MIT!!

Pertinent Files: Go to File List

**Mechanical Integrity Test
Casing or Annulus Pressure Test**

Inland Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 5/8/07 Time 10:00 am pm

Test Conducted by: Tyeflay J. Raza

Others Present: _____

Well: <u>Balclon Mon. Fed. 44-1J-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>SE/SE sec. 1, T9S, R16E</u>	API No: <u>43-013-31-15</u> <u>WUTE-720861</u>
	Lease # <u>U-44426</u>

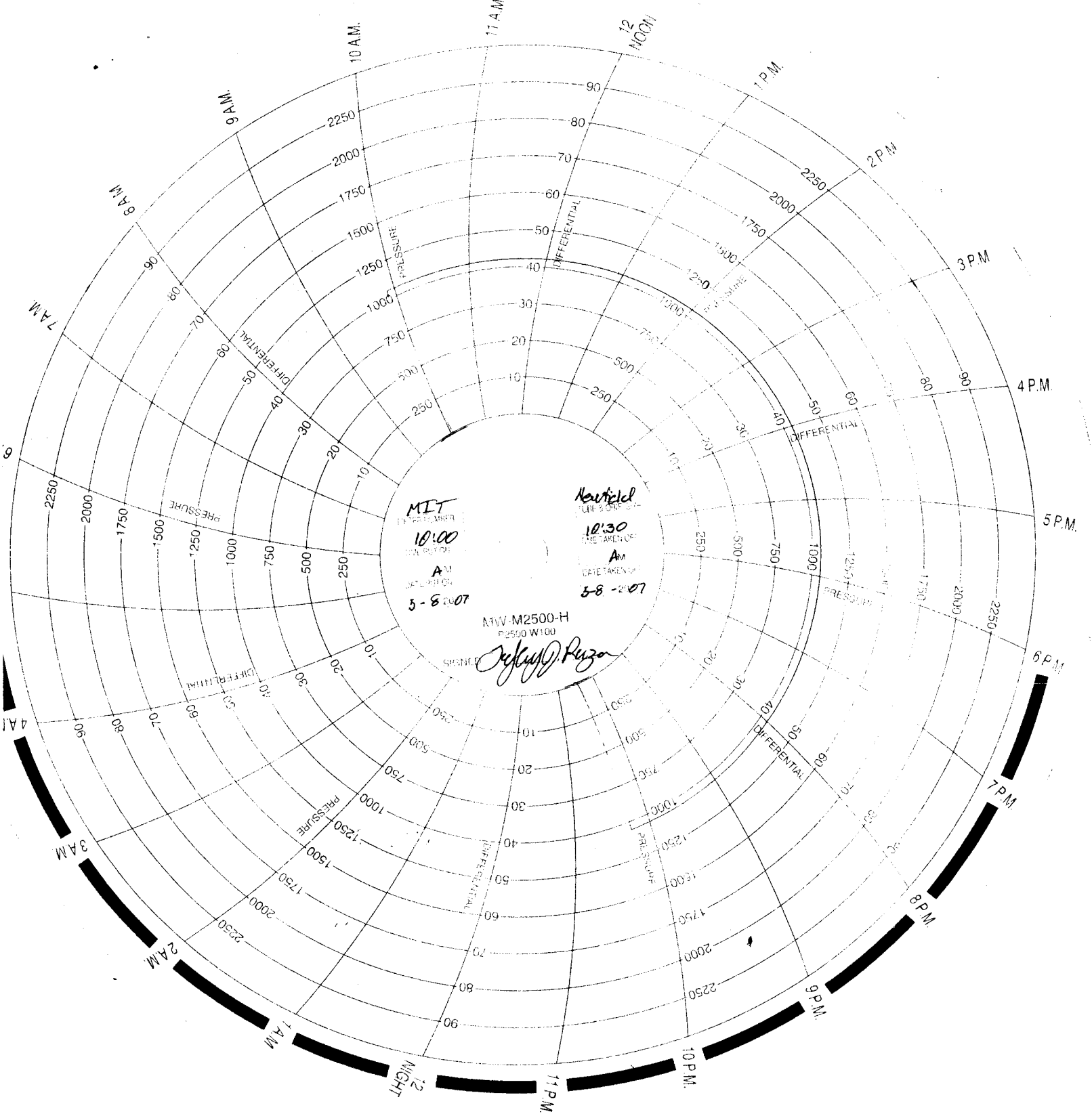
Time	Casing Pressure	
0 min	<u>1050</u>	psig
5	<u>1050</u>	psig
10	<u>1050</u>	psig
15	<u>1050</u>	psig
20	<u>1050</u>	psig
25	<u>1050</u>	psig
30 min	<u>1050</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1355 psig

Result: _____ Pass _____ Fail

Signature of Witness: _____

Signature of Person Conducting Test: _____



STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: <u>BMF # 44-1J</u>	API Number: <u>43-013-31415</u>		
Qtr/Qtr: <u>SE/SE</u>	Section: <u>1</u>	Township: <u>9S</u>	Range: <u>16E</u>
Company Name: <u>NEWFIELD PRODUCTION COMPANY</u>			
Lease: State <u>UT</u>	Fee	Federal <u>UT 4-72086A</u>	Indian
Inspector: <u>[Signature]</u>	Date: <u>5-8-07</u>		

Initial Conditions:

Tubing - Rate: N/A Pressure: 1355 psi
Casing/Tubing Annulus - Pressure: 1050 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1050</u>	<u>1355</u>
5	<u>1050</u>	<u>1355</u>
10	<u>1050</u>	<u>1355</u>
15	<u>1050</u>	<u>1355</u>
20	<u>1050</u>	<u>1355</u>
25	<u>1050</u>	<u>1355</u>
30	<u>1050</u>	<u>1355</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 1358 psiCasing/Tubing Annulus Pressure: 1050 psiCOMMENTS: TESTED AFTER PACKER FAILURE - Record on
Chart[Signature]
Operator RepresentativeRECEIVED
MAY 22 2007
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-44426
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052			7. UNIT or CA AGREEMENT NAME: JONAH UNIT
PHONE NUMBER 435.646.3721			8. WELL NAME and NUMBER: MON FED 44-1J
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 338 FSL 859 FEL			9. API NUMBER: 4301331415
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESE, 1, T9S, R16E			10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
			COUNTY: DUCHESNE
			STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/21/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well has workover procedures performed on 05/04/07, attached is a daily status report.

NAME (PLEASE PRINT) <u>Jentri Park</u>	TITLE <u>Production Clerk</u>
SIGNATURE _____	DATE <u>05/21/2007</u>

(This space for State use only)

RECEIVED
FEB 11 2008
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

MON 44-1J-9-16

3/1/2007 To 7/30/2007

5/3/2007 Day: 1

Tubing Leak

NC #2 on 5/2/2007 - MIRUSU. ND wellhead. Release packer. NU BOPs. Circulate well w/ 40 BW @ 250°. Attempt to pump standing valve down tbg. Tbg had 1/8" - 1/4" scale built up on the inside. Wait for a float to lay tbg down on. TOOH w/ 150 jts 2 7/8 J-55 tbg, SN, 2 7/8" X 2 3/8" X- over, Arrowset 1-X 2 3/8 X 5 1/2 packer. LD tbg on trailer. SDFN.

5/4/2007 Day: 2

Tubing Leak

NC #2 on 5/3/2007 - TIH w/ 144- jts 2 7/8 J-55 tbg (picking up from trailer, drifting, tallying, breaking collars & applying liquid O- ring to threads), SN (w/standing valve) & Arrowset 1-X packer. Test tbg - 3000 psi for 30 minutes, total of 3 times. RU sandline. RIH w/ fishing tool on sandline to retrieve standing valve. POOH w/ sandline & standing valve. SDFN.

5/5/2007 Day: 3

Tubing Leak


NC #2 on 5/4/2007 - RD rig floor. ND BOPs. NU wellhead. Pump 80 bbls packer fluid down annulus. ND wellhead. Set Arrowset 1-X packer w/ CE @ 4602' w/ 15,000# tension. NU wellhead. Pressure annulus - 1,300 psi. Bled off trapped gas & pressure annulus - 1,300 psi as needed. Held pressure test for 30 minutes w/ 0 psi loss. Steam off wellhead & rig equipment. RDMOSU. Ready for MIT!!

5/9/2007 Day: 4

Tubing Leak

Rigless on 5/8/2007 - On 5/7/07 Dan Jackson with the EPA was contacted concerning the initial MIT on the above listed well (Fed 13-13-9-17). Permission was given at that time to perform the test on 5/7/07. On 5/7/07 the csg was pressured up to 1050 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 400 psig during the test. There was not an EPA representative available to witness the test. EPA# UT21072-07210 API# 43-047-35698

Pertinent Files: Go to File List

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-44426
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: MON FED 44-1J
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0338 FSL 0859 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 01 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013314150000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/5/2012	<input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: 5 YR MIT	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> OTHER	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> OTHER	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On 04/02/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 04/05/2012 the casing was pressured up to 1300 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1920 psig during the test. There was a State representative available to witness the test - Chris Jensen.		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874
SIGNATURE N/A		TITLE Water Services Technician
DATE 4/10/2012		Date: April 18, 2012 By: 

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 4/5/12 Time 9:30 am pm

Test Conducted by: Riley Bagley

Others Present: Lynn Mousen

Well: Monument Field 44-1J-9-16

Field: Monument Butte

Well Location:

Monument Field 44-1J-9-16

API No: 43-013-31415

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1275</u>	psig
5	<u>1275</u>	psig
10	<u>1275</u>	psig
15	<u>1275</u>	psig
20	<u>1280</u>	psig
25	<u>1290</u>	psig
30 min	<u>1300</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1920 psig

Result: Pass Fail

Signature of Witness: 

Signature of Person Conducting Test: 

CHART NO. MC M-2500-24HR

METER _____ DISC NO. _____

CHART PUT NO. _____

TIME 9:00 A M TAKEN OFF

DATE 4-5-12 TIME 9:30 A M

LOCATION Mannanur 6.74 44-13.5 N DATE 4-5-12

REMARKS W1.T

Spud Date: 8-5-94

Put on Injection: -----

GL: 5372' KB: 5382'

Balcron Monument Federal 44-1J-9-16

Injection Diagram

Initial Production: 40 STBOPD,
N.M. MCFD, 0 STBWPD

SURFACE CASING

STRING: 1
SIZE: 8-5 8"
GRADE: J-55
WEIGHT: 24 lbs.
LENGTH: 6 jts @ 253.0'
HOLE SIZE: 12-1 4"
DEPTH LANDED: 261' KB
CEMENT DATA: 160 sxx Class "G", 2% CaCl &
1 4s sxx Celoflake
Cemented to Surface

PRODUCTION CASING

STRING: 1
SIZE: 5-1 2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 133 jts @ 5728.92'
HOLE SIZE: 7-7 8"
DEPTH LANDED: 5737.92' KB
CEMENT DATA: 430 sxx Super G w 3% salt, 2% gel, &
tail w 240 sxx 50 50 POZ w 2% gel &
1 4s sxx Celoflakes.
CEMENT TOP AT: 535' KB from CBL

INJECTION EQUIPMENT & SIZE

2-7 8", 6.5s, J-55
SN @ 2-7 8" x 1.1" (2.25" ID)
SN Landed @ 4606' KB

Retrievable Csg Tension Packer
Model: Arrow Set-1
Landed @ 4610' KB

Proposed Injection Horizons

4677'-4680' (3')	(4 SPF)	RED1
4682'-4684' (2')	(4 SPF)	RED1
4839'-4844' (5')	(4 SPF)	RED5
4846'-4848' (2')	(4 SPF)	RED5
4971'-4974' (3')	(4 SPF)	GREEN1
4977'-4981' (4')	(4 SPF)	GREEN1
4987'-4994' (7')	(4 SPF)	GREEN1

TUBING

NO. OF JOINTS: 144 jts (4587.64')
SEATING NIPPLE: 2-7 8" (1.10')
SN LANDED AT: 4598.74' KB
CE: 4602.04
TOTAL STRING LENGTH: EOT @ 4606.14' KB

FRAC JOB

4971' - 4994' KB - 8-18-94 by Western w/46,840# 16/30 mesh sand w 14,112 gallons 2% KCL gelled water. ATP 2300 psi, max 2730 psi. ATR 30.1 bpm, max 30.5 bpm. ISIP 2280 psi, 5 min 1820 psi, 10 min 1650 psi, 15 min 1560 psi, 30 min 1300

4677' - 4848' KB - 8-24-94 by Western w/43,300# 16/30 mesh sand w 14,238 gallons 2% KCL gelled water. ATP 2640 psi, max 2960 psi. ATR 29.5 bpm, max 29.5 bpm. ISIP 2050 psi, 5 min 1540 psi, 10 min 1400 psi, 15 min 1300 psi

ACID JOB

4971' - 4994' KB - 8-18-94 by Western w/3612 gallons 2% KCL water. ATP 2500 psi, max 4650 psi. ATR 5.2 bpm, max 6 bpm. ISIP 1650 psi.

4677' - 4846' KB - 8-24-94 by Western w/2,730 gallons 2% KCL water. ATP 3200 psi, max 4700 psi. ATR 5.5 bpm, max 7.5 bpm. ISIP 1100 psi. Pump 2 balls bbl.

5-4-07 Tubing Leak: Updated rod and tubing detail.

Packer @ 4602'

4677'-4680' D-1 sds

4682'-4684' D-1 sds

4839'-4844' C sds

4846'-4848' C sds

4971'-4974' B-2 sds

4977'-4981' B-2 sds

4987'-4994' B-2 sds

PBTD @ 5692'
ID @ 5750'

PERFORATION RECORD

4677'-4680' (3')	(4 SPF)	RED1
4682'-4684' (2')	(4 SPF)	RED1
4839'-4844' (5')	(4 SPF)	RED5
4846'-4848' (2')	(4 SPF)	RED5
4971'-4974' (3')	(4 SPF)	GREEN1
4977'-4981' (4')	(4 SPF)	GREEN1
4987'-4994' (7')	(4 SPF)	GREEN1



Balcron Monument Federal 44-1J-9-16

338 FSL 859 FEL

SESE Section 1-T9S-R16E

Duchesne Co, Utah

API #43-013-31415; Lease #U-44426

KC 12-30-10

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
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TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/25/2015	OTHER: <input type="text" value="Workover MIT"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The above subject well had workover procedures performed (packer repair), attached is a daily status report. On 06/24/2015 Richard Powell with the State of Utah was contacted concerning the MIT on the above listed well. On 06/25/2015 the csg was pressured up to 1430 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 1075 psig during the test. There was not a State representative available to witness the test.</p>		
Accepted by the Utah Division of Oil, Gas and Mining		
Date: <u>July 08, 2015</u>		
By: <u>[Signature]</u>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 6/29/2015	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date: 6/25/2015 Time: 8:15 A.M. P.M.

Test Conducted by: Everett Unruh

Others Present: _____

Well: <u>BALCRON MON, FED. 44-15-9-10</u>	Field: <u>Monument Butte</u>
Well Location: <u>SESE SEC 1 T9S R16E</u> <u>Duchesne County, UT</u>	API No: <u>43-013-31415</u>

Time	Casing Pressure
0 min	<u>1434</u> psig
5	<u>1435</u> psig
10	<u>1433</u> psig
15	<u>1432</u> psig
20	<u>1431</u> psig
25	<u>1430</u> psig
30 min	<u>1430</u> psig
35	_____ psig
40	_____ psig
45	_____ psig
50	_____ psig
55	_____ psig
60 min	_____ psig

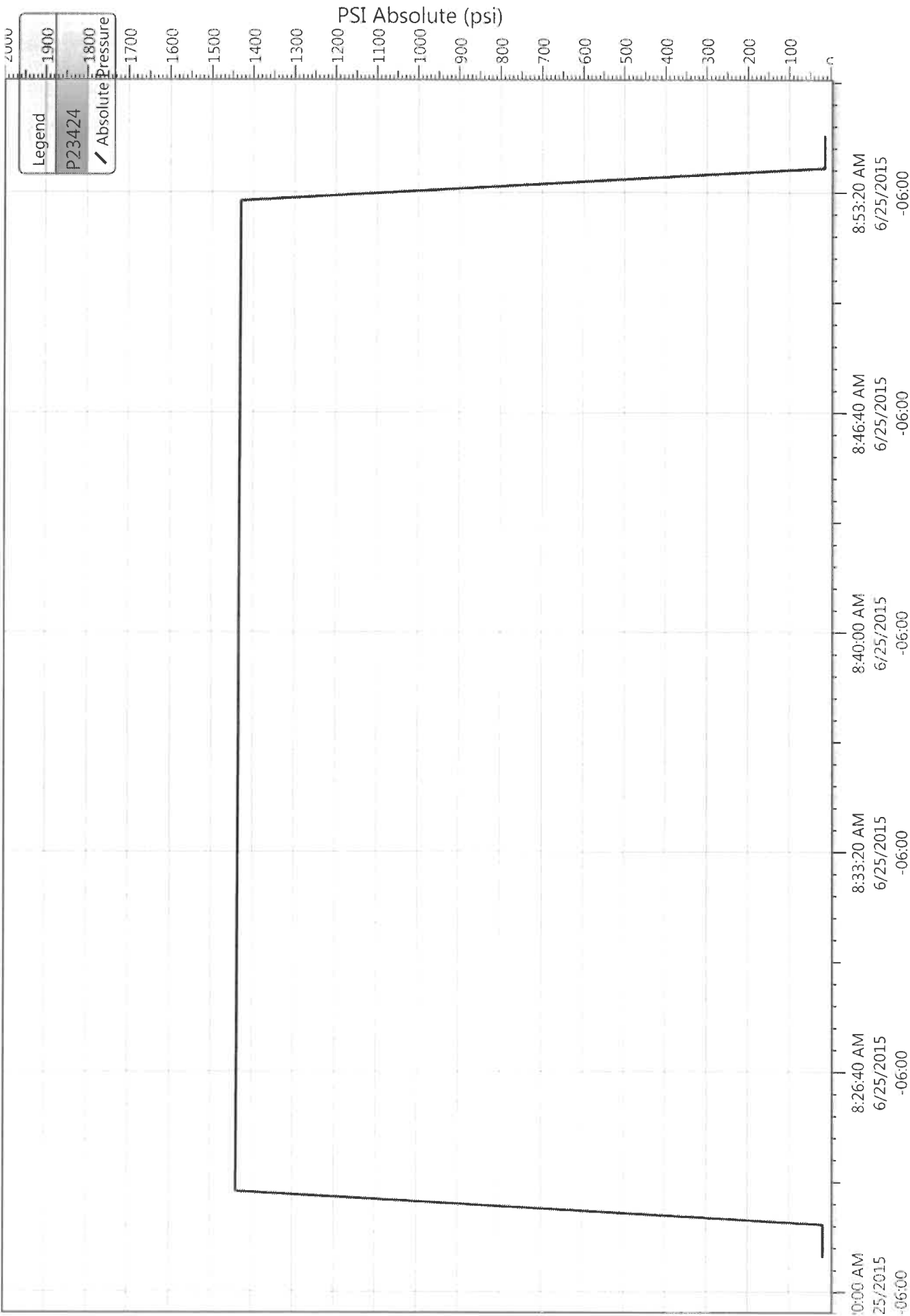
Tubing Pressure: 1075 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Everett Unruh

Balcron Mon. Fed.44-1J-9-16 (6-25-2015, workover MIT)
6/25/2015 8:19:43 AM



NEWFIELD

Schematic

Well Name: Mon 44-1J-9-16

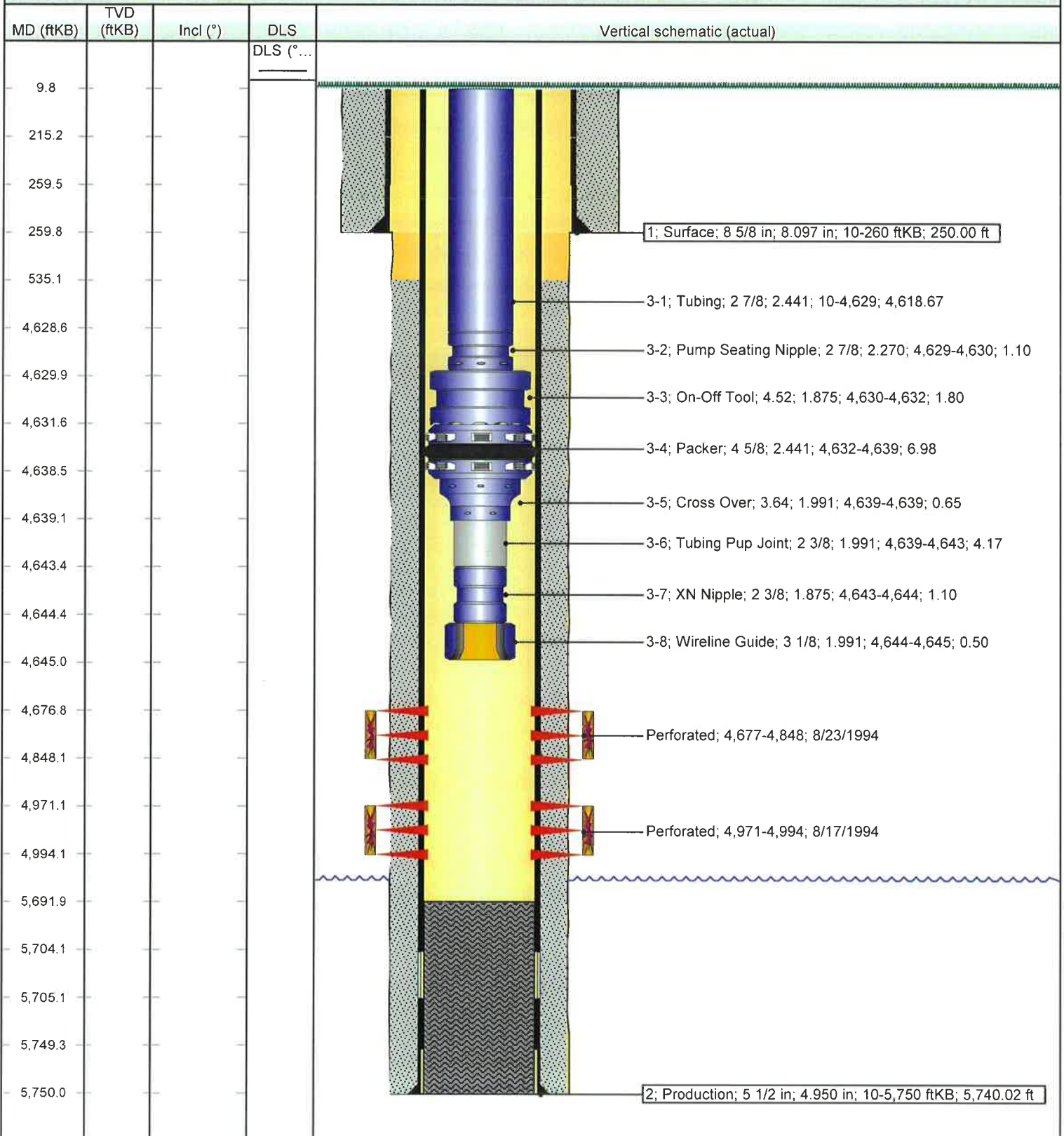
Surface Legal Location 01-9S-16E			API/UWI 43013314150000	Well RC 500151808	Lease	State/Province Utah	Field Name GMBU CTB5	County Duchesne
Spud Date 8/5/1994	Rig Release Date	On Production Date 8/31/1994	Original KB Elevation (ft) 5,372	Ground Elevation (ft) 5,382	Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB)	

Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Packer Repair	Job Start Date 6/21/2015	Job End Date 6/25/2015
---------------------------------------	-----------------------------	-------------------------------------	-----------------------------	---------------------------

TD: 5,750.0

Vertical - Original Hole, 6/29/2015 7:38:43 AM



NEWFIELD**Newfield Wellbore Diagram Data
Mon 44-1J-9-16**

Surface Legal Location 01-9S-16E		API/UWI 43013314150000		Lease	
County Duchesne		State/Province Utah		Field Name GMBU CTB5	
Well Start Date 8/5/1994		Spud Date 8/5/1994		On Production Date 8/31/1994	
Original KB Elevation (ft) 5,372	Ground Elevation (ft) 5,382	Total Depth (ftKB) 5,750.0		Total Depth All (TVD) (ftKB)	
				PBTD (All) (ftKB)	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	8/5/1994	8 5/8	8.097	24.00	J-55	260
Production	8/14/1994	5 1/2	4.950	15.50	J-55	5,750

Cement**String: Surface, 260ftKB 8/5/1994**

Cementing Company		Top Depth (ftKB) 10.0	Bottom Depth (ftKB) 260.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description		Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

String: Production, 5,750ftKB 8/14/1994

Cementing Company		Top Depth (ftKB) 535.0	Bottom Depth (ftKB) 5,750.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description		Fluid Type Lead	Amount (sacks) 450	Class G	Estimated Top (ftKB) 535.0
Fluid Description		Fluid Type Tail	Amount (sacks) 240	Class 50-50 POZ	Estimated Top (ftKB) 2,500.0

Tubing Strings

Tubing Description Tubing					Run Date 6/23/2015		Set Depth (ftKB) 4,645.0	
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	145	2 7/8	2.441	6.50	J-55	4,618.67	10.0	4,628.7
Pump Seating Nipple	1	2 7/8	2.270			1.10	4,628.7	4,629.8
On-Off Tool	1	4.515	1.875			1.80	4,629.8	4,631.6
Packer	1	4 5/8	2.441			6.98	4,631.6	4,638.6
Cross Over	1	3.635	1.991			0.65	4,638.6	4,639.2
Tubing Pup Joint	1	2 3/8	1.991			4.17	4,639.2	4,643.4
XN Nipple	1	2 3/8	1.875			1.10	4,643.4	4,644.5
Wireline Guide	1	3 1/8	1.991			0.50	4,644.5	4,645.0

Rod Strings

Rod Description		Run Date			Set Depth (ftKB)		
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
2	Red 1 & 5, Original Hole	4,677	4,848	4			8/23/1994
1	Green1, Original Hole	4,971	4,994	4			8/17/1994

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,280						
2	2,050						

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 46870 lb
2		Proppant White Sand 43300 lb



Well Name: Mon 44-1J-9-16

Job Detail Summary Report

Sundry Number: 64291 API Well Number: 43013314150000

Jobs

Primary Job Type	Job Start Date	Job End Date
Repairs	6/21/2015	6/25/2015

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
6/21/2015	6/21/2015	MIRU
Start Time	End Time	Comment
06:00	06:30	C/Tvl
Start Time	End Time	Comment
06:30	07:00	Crew safety mtg
Start Time	End Time	Comment
07:00	08:00	R/D & M/O NC4, Rig Move To New Loc
Start Time	End Time	Comment
08:00	09:00	MIRU NC4
Start Time	End Time	Comment
09:00	12:00	R/U Water Tank, R/U Lines To W/H-D, Blow Well Down, Csg & Tbg Psred Up, Well Flowing, Wait On H2S Scavanger & Let Well Bleed Off, N/D W/H-D, Pkr Slid Up Hole, Pkr Not Set In Tension, Release Pkr, N/U W/H-D, Circulate 80BW Down Tbg & Up Csg W/Bicide & H2S Scavanger In It
Start Time	End Time	Comment
12:00	13:00	N/D W/H-D, N/U BOPs, R/U Rig Flr, R/U Tbg Eqp
Start Time	End Time	Comment
13:00	15:00	TOOH W/144- 2 7/8 L-80 Tbg, S/N, & Pkr, L/D Pkr, Circulate W/40jts Tbg In Hole W/25BW To Clean Up Well
Start Time	End Time	Comment
15:00	15:30	P/U & RIH W/New Weatherford Pkr As Shown, 2 3/8 Guide Collar, X/N Nipple, 4'2 3/8 L-80 Tbg Pup, 2 3/8X 2 7/8 X/O, 5 1/2 Weatherford Arrow Set Pkr, X Nipple, On/Off Tool, S/N, & 40jts 2 7/8 J-55 Tbg, SWI, CSDFN
Start Time	End Time	Comment
15:30	16:00	C/Tvl to office
Report Start Date	Report End Date	24hr Activity Summary
6/22/2015	6/22/2015	RIH w/ PKR Inj String, Found Pin hole in Jlt#36, replace 2 lts tbg
Start Time	End Time	Comment
06:00	06:30	C/Tvl
Start Time	End Time	Comment
06:30	07:00	Crew Safety Mtg
Start Time	End Time	Comment
07:00	08:00	RIH W/Pkr Injection String
Start Time	End Time	Comment
08:00	09:00	R/U S/Lne W/Sand Swab Cup, P/U & RIH, Make Three Swab Runs To Make Sure That S/Vive Would Not Get Stuck, Clean Out Inside Of Tbg To S/N, L/D S/Lne
Start Time	End Time	Comment
09:00	12:00	Pmp 15BW Pad, Drop S/Vive, Pmp 25BW To Pmp S/Vive To Seat Nipple, Psr Up On S/Vive, Psr Up To 3000psi, Bled Off Pks In 45 Sec, R/U S/Lne, RIH, Work Sand Line To Make Sure That S/Vive Was Seated Properly, POOH W/S/Lne, Psr Up On S/Vive, Bled Off @ Same Rate, RIH W/S/Lne & Fish S/Vive, POOH, L/D Old S/Vive, Drop New Weatherford S/Vive, Pmp 35BW, Would Not Seat, RIH W/S/Lne & Seat S/Vive, R/U H/Oiler & Put 500psi On S/Vive, POOH W/S/Lne, R/U Isolation Tool To Tbg, Psr Up & Bled Off @ Same Rate
Start Time	End Time	Comment
12:00	12:30	TOOH W/Tbg, Found Pin Hole In Jlt#36
Start Time	End Time	Comment
12:30	13:00	R/U H/Oiler To Tbg & Psr Tst, Tbg Held 3000psi For 15min
Start Time	End Time	Comment
13:00	13:30	TIH W/Tbg, P/U 2 New Jts Tbg, New Injection String=KB 12', 145jts=4618.67, S/N=1.10, On/Off Tool=1.80, 5 1/2 Weatherford Arrow Set Pkr=6.98(C/E@4636.87), X/O= .65, 2 3/8 Tbg Pup=4.17, X/N Nipple=1.10, Guide Collar= .50, EOT @ 4646.97
Start Time	End Time	Comment
13:30	14:30	R/U H/Oiler & Psr Tst Tbg To 3000psi, Held For One Hour, Good Tst



Well Name: Mon 44-1J-9-16

Job Detail Summary Report

Start Time	14:30	End Time	15:30
Start Time	15:30	End Time	16:00
Report Start Date 6/23/2015	Report End Date 6/23/2015	24hr Activity Summary Set Pkr Tst Csg	Comment RIH W/Baby Red Fishing Tool, Latch Onto S/Vive, POOH, L/D & R/D S/Lne, P/U 6' Tbg Pup, R/D Tbg Eqp, R/D Rig Flr, N/D BOPs, N/U W/H-D, Ready Well To Pmp Pkr Fluid In The AM, SWI, CSDFN
Start Time	06:00	End Time	06:30
Start Time	06:30	End Time	07:00
Start Time	07:00	End Time	09:00
Start Time	09:00	End Time	10:00
Start Time	10:00	End Time	15:30
Start Time	15:30	End Time	16:00
Report Start Date 6/24/2015	Report End Date 6/24/2015	24hr Activity Summary Test - RDMO	Comment C/TVI From Loc To Office
Start Time	06:00	End Time	08:00
Start Time	08:00	End Time	08:30
Start Time	08:30	End Time	10:00
Report Start Date 6/25/2015	Report End Date 6/25/2015	24hr Activity Summary MIT	Comment R/D & M/O NC4, Well Ready For Injection FINAL RIG REPORT
Start Time	08:20	End Time	08:50
Comment On 06/24/2015 Richard Powell with the State of Utah was contacted concerning the MIT on the above listed well. On 06/25/2015 the csg was pressured up to 1430 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1075 psig during the test. There was not a State representative available to witness the test.			